

DAHLIAS

OF
QUALITY AND DISTINCTION

1960

62

and Garden Chrysanthemums — Pages 42-46

Da

PRICES NET Except
Quantity Discount—Page 48
POTASH-FED DAHLIAS



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SAN JUAN (Gaylord-Dahliadel), B SC, E, Bloom 8-9 x 5, Bush 5 ft. Most striking fire red with golden or lighter reverse showing slightly as the petals curl giving that orange red effect. Real early. A strong healthy grower with good branching habits and wonderful stems. Certified at Atlanta and scored 84 in East Lansing. Also scored 85 at Madison, Wisc., our Badger State Trial Grounds. Certainly the most prolific in our gardens and attracted lots of attention. A big B Dahlia that can easily be grown up to 9" for the new size limit for "B" Dahlias.

Root, \$10.00; Pot Root, \$7.50; Plant, \$3.50

DAHLIADEL 1960 INTRODUCTIONS

DANNY (Marker-Frank-Dahl), A IC, M, Bloom 10 x 7, Bush 4½ ft. The most beautiful pink released in many years. Rhodamine pink with a long list of winnings. Scored 85.9 at East Lansing, 85.5 at Farmingdale and in the Pacific Northwest at Seattle, Wash. It was the most outstanding in the garden scoring 85.533. It is a good grower with deep full blooms of perfect form winning everywhere shown in 1959. Won as best cactus in the show in Pittsburgh, also Bergen Co., and at the A. D. S. in Paramus. Also won as the best single bloom cactus in Washington, D. C. Show as well as best 3 blooms in the Cactus Class, and Queen of the Show being awarded the trophy given by the wife of the President of Mexico and presented by the Ambassador of Mexico. In 1958 won as best Cactus in the Open to All in the A. D. S. Show as well as at Paterson, also many firsts in Irvington and local shows. What a record for such a beauty! Stock limited.

Roots, while they last, \$15.00; Pot Root, \$10.00; Plant, \$5.00





KENYA



RED TOP



HELEN HANEMAN

DAHLIADEL 1960 INTRODUCTIONS—Cont'd

KENYA (Veile-Dahliaedel), **A ID, ML, Bloom 11 x 6, Bush 4½ ft.** One for the big bloom class as the originator believes it to be as large as any dahlia in existence today. Grown to 17½ inches by our good friend, Eddie O'Keefe. Grown side by side it was larger than Arthur Godfrey. An Informal Decorative with large wavy petals of bright nasturtium orange heavily suffused rose early, with this suffusion diminishing noticeably as the season advances. Good bush growth, excellent foliage and a continuous bloomer. Picture taken Oct. 12 shows the good full centers and great depth. Has already won several firsts in its class and certified at Atlanta with a score of 85.5.

Root, \$15.00; Pot Root, \$10.00; Plant, \$5.00

RED TOP (Frank-Dahliaedel), **M FD, M, Bloom 2½ x 2, Bush 3 ft.** A bright cherry red Miniature Formal Decorative that does not fade. Fine form with good centers. Scored 85.5 at Farmingdale and won the English Medal as the most outstanding Miniature in the Open to All Class in the A. D. S. Show at Paramus. Also won the Seedling Sweepstakes in Washington, D. C., scoring over 85 and the best in single bloom and 3 bloom class in Washington and best in single bloom and 3 bloom class in Pittsburgh.

Root, \$5.00; Pot Root, \$3.25; Plant, \$2.00

HELEN HANEMAN (Dahliaedel), **S, E, Bloom 5, Bush 5 ft.** A most striking variegated Single, favorite of Judge Haneman's wife, and named in her honor. Soft amaranth rose or mauve striped and speckled peony purple. Strong rugged grower with excellent long stems. Early and profuse. Much admired in the garden and wonderful for arrangements. A real addition in this class, as it is most consistent and evenly variegated and behaves well under varied conditions.

Root, \$3.00; Plant, \$1.50

SIZE CLASSIFICATION

Progress has been made in size classification of the dahlia. The BB or 4 to 6 is now official and classes are set up in many of our big shows. We recommended that the B dahlia which is 6" to 8" be increased to 6" to 9". This is being done on a trial basis by the American Dahlia Society and the National Capital Dahlia Society this year. Thanks to the work of these Societies.

1960 INTRODUCTIONS of Other Growers—

BUTCH (Eddins-Rock), **B ID, Bloom 7 x 5.** Lovely primrose yellow with long narrow petals that close back to stem. Good stiff stems. Certified Atlanta and E. Lansing, 1958.

Plant, \$3.50

DR. CHAS. H. CONNORS (Lloyd-Rus), **B SC, Bloom 7½ x 5.** A pink with strong stiff stems. Health, substance and floriferousness excellent. Winner of the Leonard Baron Trophy A.D.S. Show '59 and Cert. E. Lansing '57.

Plant, \$3.50

HOPEFUL (Drace-Rock), **A FD, Bloom 10 x 5.** Outstanding massive blooms of lavender with unusually thick petals that roll back giving bloom more than average depth. Cert. E. Lansing and Atlanta.

Plant, \$5.00

KIMBERLEY JEWEL (S. Africa-Summit), **B StC, Bloom 10 x 5½, Bush 4½ ft.** Most striking and colorful dark blend. Although the center is white the outer 2/3 of petals are garnet. Won Achievement Medals wherever shown. A real "must" in its class. It surely was attractive in Pittsburgh.

Plant, \$5.00

MISS PATRICIA MURPHY (Tomczak-Par), **A ID, Bloom 10 x 5½, Bush 4½ ft.** Beautiful Spanish orange with carmine suffusion on reverse. Attractive form. A rugged grower that took the heat better than most. Winner of an A.H.A. Award and 2 A.D.S. Sweepstakes.

Plant, \$5.00

MY DORIS R. (Anderson), **A ID, Bloom 11 x 5, Bush 4½ ft.** Bright primrose yellow. Will surely grow large, even 13½ x 9 easily and a real winner. Best seedling in Washington, St. Louis, and the Governor's Trophy in Baltimore in 1958. In 1959 several Tricolors and in the Open to All in Washington and certified in Oakland. Vigorous grower. Use Drawing Y to increase length of stems.

Root, \$5.00; Plant, \$2.00

PENNSYLVANIA (John), **B ID, Bloom 8 x 4, Bush 4 ft.** Bright cardinal with deeper shadings. Lovely dark foliage with stems almost black. Already a winner and well recommended as easy to grow.

Root, \$10.00; Plant, \$3.50

REES BEAUTY (Rees), **B StC, Bloom 8 x 4½, Bush 4 ft.** Appealing light blend of French rose on mimosa yellow with lacinated petals. Most profuse and Cert. E. Lansing and Ohio Valley '59. On Webb's Review.

Plant, \$3.00

SULPHUR QUEEN (Baynes-Rock), **A ID, Bloom 10 x 5.** Almost a borderline Formal to Informal. A real large sulphur yellow. Strong, vigorous plant with nicely proportioned stems. Cert. E. Lansing.

Plant, \$5.00

TINA MARIE (Warren-Rus), **A StC, Bloom 10 x 4, Bush 6 ft.** Beautiful apricot and gold with darker outside petals of Persian rose. Winner of 2 A.D.S. Sweepstakes and an A.H.A. Medal. Well recommended.

Plant, \$5.00

SARAH W. (Rus), **M IC, Bloom 3½ x 2, Bush 5 ft.** Rich bright cherry or turkey red with lovely lacy foliage. Excellent wiry stems and a profuse bloomer. In 1958 won as best two-year-old Miniature in Washington, D. C. In 1959 winner of the Derrill Hart Medal certifying in 5 Trials.

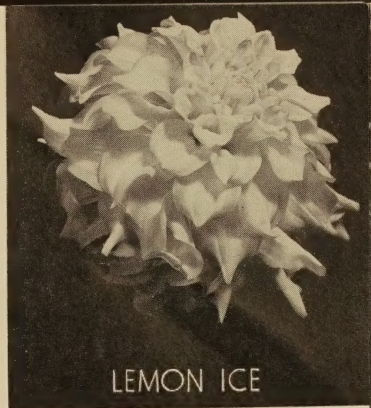
Plant, \$2.50



HORIZON



WHITE GYPSY GIRL



LEMON ICE

BB

DECORATIVE GARDEN DAHLIAS for Cutting

BB

Dahlias scored BB normally grow 4 to 6 inches. They are wonderful for garden planting as they are better bloomers than lots of the larger dahlias. This size group lends itself best to arrangements, baskets and general decorating. Many shows have BB classes for these bloomers.

AMBASSADOR VAN KLEFFENS (Holl 85BB), FD, E, Bloom 5 1/2 x 3 1/2, Bush 2 1/2 ft. Deep yellow suffused Jasper red. General tone cadmium orange. Root, .50

BETTY (Aust 85BB), FD, E, Bloom 5 x 3, Bush 3 ft. Lovely big Nymphaea of Egyptian buff with a rose suffusion. Good grower. Root, .75

BURNETT'S SUNRISE (86BB), FD, E, Bloom 5 x 4, Bush 3 1/2 ft. Most outstanding marigold orange with excellent growing habits and keeping qualities. Completes to stem. Much needed in its class. Plant, \$1.00

DAILY'S FAVORITE (Daily-Dahl 85BB), ID, M, Bloom 5 x 3, Bush 4 ft. Truly beautiful deep velvety chrysanthemum crimson that does not fade. Always in bloom with perfect, full centers to the end of the season. Without competition in its class. Root, \$1.00

DEUIL DU ROI ALBERT (Bel 84BB), FD, E, Bloom 6 x 4, Bush 3 1/2 ft. An outstanding bi-color of orchid or petunia purple tipped white. A very early and incessant bloomer. Root, .75

DONNIE (Lake 85BB), FD, E, Bloom 4 1/2-5 x 3, Bush 5 ft. A rich Dianthus purple. Very full-petalled. Profuse and early on fine stems for cutting. Root, .75

GAY (Wengert-Par 85BB), FD, E, Bloom 6 x 3, Bush 4 ft. A primrose yellow with cleft petals. Fine keeping qualities and perfect foliage for a cut flower. Won the Gold Medal at N. Y. Florists Club. Root, .75

GLYNDON (84BB), FD, Bloom 4 1/2 x 2, Bush 3 ft. Almost white suffused and tipped amaranth rose. Long stiff stems, heavy foliage and very popular. Root, \$1.00

GOLD KATHIE (Aust 85BB), FD, E, Bloom 4 1/2 x 3, Bush 3 ft. Light mimosa yellow with a very slight suffusion of Jasper red. The Grand Champion in Sydney 1956. Root, .75

GYPSY GIRL (Par 85BB), FD, M, Bloom 4 1/2 x 2 1/2, Bush 5 ft. A variegated white with flecks and dots of amaranth rose and stripes of purple. A fine bush, profuse bloomer. Still a consistent winner. Root, \$1.00

HORIZON (Pittman-Dahl 85BB), 1957, ID, EM, Bloom 5 x 4, Bush 3 ft. A blend of soft buff and yellow heavily suffused Tyrian pink. A real garden dahlia, wonderful for cutting and keeping qualities. Beautiful bush with strong stems. Root, \$1.00

JOAN LA CHAUSSE (Evans-Budelma-Gamston 85BB), FD, ML, Bloom 5 x 3, Bush 3 1/2 ft. Cyclamen purple tipped white. Perfect centers, pointed petals. Very showy in the garden. Root, .75

KANDY KID (85BB), ID, ML, Bloom 6 x 3, Bush 3 ft. White speckled carmine. An older variety that is still tops in its class. Root, \$1.00

LEMON ICE (Dudley-Dahl 85BB), ID, M, Bloom 5 x 4, Bush 3 ft. This most unusual dahlia is primrose yellow with the center of each petal distinctly tipped white. Ball shaped with petals completely covering the stem. Certified at Long Island and Georgia. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

MRS. R. C. NORMAN (Aust 85BB), FD, EM, Bloom 5 x 2 1/2, Bush 3 ft. Lovely amaranth rose shading lighter at center and tips. Water lily type with flat petals but full centers all season. Root, .75

MRS. SCOTT (Aust 85BB), FD, M, Bloom 5 x 3, Bush 4 ft. A Nymphaea in a lovely pastel. Mimosa yellow at base of petals shading rose with lighter tipplings. Good grower. Plant, \$1.00

NEW COMET (Aust 85BB), FD, E, Bloom 6 x 3, Bush 3 1/2 ft. Neyron rose deepening at center. An attractive color. Stocky grower especially good for bedding or landscape. Root, .75

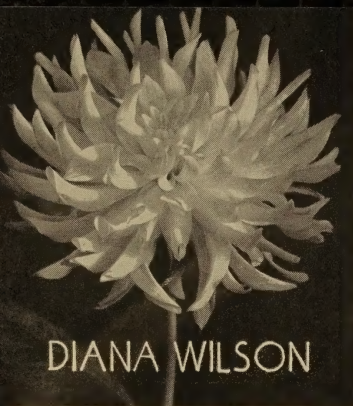
RUBY GLOW (Par 85BB), FD, E, Bloom 5 x 3, Bush 4 ft. Rich deep Tyrian purple sport of Gypsy Girl. It has all the good qualities of its parent and produces a mass of flowers all season. Root, .75

SHIRLEY WESTWELL (Barwise 85BB), ID, E, Bloom 4 1/2 x 2 1/2, Bush 3 ft. A very intense scarlet or signal red that is fine for cutting. Early and profuse. Root, .75

SOUTHERN BEAUTY (LaM-Rock 85BB), FD, M, Bloom 5 x 3, Bush 3 ft. Surely a different dark blend of white heavily suffused rhodamine purple. Fine for cutting. Certified at 2 Trials, on 3 Honor Rolls and Webb's Review. Root, \$1.50; Pot Root, \$1.00

SUNSET GLOW (Aust 85BB), FD, E, Bloom 4 1/2 x 2 1/2, Bush 3 ft. Pale yellow heavily shaded light spiraea red. Fine for cutting. Profuse and wonderful for landscape. Root, .75

WHITE GYPSY GIRL (Dahl 85BB), FD, M, Bloom 4 1/2 x 2 1/2, Bush 5 ft. This pure white sport of Gypsy Girl has been such an attractive garden variety suitable for cutting for us we thought others would enjoy it. All the same good qualities of Gypsy Girl. Root, \$1.50



DIANA WILSON



HILLCREST DECOR



EDITH HUMPHRIES

BB

CACTUS GARDEN DAHLIAS for Cutting

BB

BELLINGEN (Aust 85BB), StC, E, Bloom $4\frac{1}{2} \times 2\frac{1}{2}$, Bush 5 ft. A pure white. Really worthwhile and one we recommend. Healthy bushes, fine stems. Much needed in this class. Root, \$1.00

DARK FELT (Aust 85BB), SC, E, Bloom 5×2 , Bush 5 ft. Chrysanthemum crimson shaded ruby red. Long stiff stems. Good full centers throughout the season. Root, .75

DIANA WILSON (Aust 85BB), SC, M, Bloom 6×3 , Bush 4 ft. Deep primrose yellow. Quantities of well formed blooms with excellent substance. Root, \$1.00

DOREEN (84BB), StC, M, Bloom 5×3 , Bush 4 ft. A bright rose purple with lighter shadings classified in the Lavenders. Sometimes late almost an Incurved Cactus. Good grower. Root, \$1.50; Plant, \$1.00

EDITH HUMPHRIES (Aust 85BB), SC, EM, Bloom 5×3 , Bush 4 ft. Beautiful creamy white that blooms from early to frost with perfect full, high centers. Strong, stiff stems. Root, \$1.00

ELLA COLE (Aust 85BB), StC, E, Bloom $4.5 \times 2\frac{1}{2}$, Bush 4 ft. Very striking bright cadmium orange striped Jasper red. Really great. Fine for cutting. Root, \$1.00

FLORENCE McLEAN (85BB), IC, M, Bloom $4\frac{1}{2} \times 2\frac{1}{2}$, Bush 3 ft. Amber yellow suffused soft rose red with long stiff slender stems. Does even better as season advances and holds perfect centers. Root, \$1.50; Pot Root, \$1.25; Plant, \$1.00

GAY FLAME (Aust 85BB), StC, L, Bloom 6×3 , Bush 4 ft. Bright fire red with laciniated petals. Good rugged grower. Root, \$1.00; Pot Root, .75

GAYNESS (Aust 85BB), StC, EM, Bloom 5.6×3 , Bush $3\frac{1}{2}$ ft. Bright scarlet. Fine form and good grower. Root, \$1.50; Pot Root, \$1.00

GEOFF WHITE (86BB), SC, E, Bloom $4\frac{1}{2} \times 2\frac{1}{2}$, Bush 3 ft. Really is a light begonia pink which is most satisfactory for exhibition or cutting. Long thin stems. Root, \$1.00; Pot Root, .75

GLADYS BARRY (86BB), SC, EM, Bloom 5.6×3 , Bush $3\frac{1}{2}$ ft. A beautiful light blend of cream shading to yellow at center, suffused and edged amaranth rose. Good growing habits and most satisfactory. Has the appearance of a StC but actually classified a SC. Root, \$1.50; Plant, \$1.00

HILLCREST ABUNDANCE (85BB), SC, E, Bloom $5\frac{1}{2} \times 3$, Bush 3 ft. A clean pastel mauve shaded amaranth rose. Good keeping qualities and real early. Very satisfactory. Pot Root, \$1.50; Plant, \$1.00

HILLCREST BRILLIANT (86BB), SC, EE, Bloom 5×3 , Bush $3\frac{1}{2}$ ft. Real brilliant cherry red that does not fade. Dark foliage and all good qualities. Excellent for cutting or exhibiting. Root, \$1.50; Pot Root, \$1.00

HILLCREST DECOR (85BB), SC, EM, Bloom $4\frac{1}{2} \times 2\frac{1}{2}$, Bush 3 ft. Magenta or fuchsia purple with lighter or rather indistinct white tips. Can be grown as a Miniature and is even more attractive later in the season. Root, \$1.50

JEAN ARCHER (Aust 85BB), StC to SC, Bloom 5.6×3 , Bush 3 ft. A very pleasing bright mauve shading lighter to white at center. Came to us as pink but is definitely in the lavender class. Fine for cutting or exhibiting. Root, \$3.00; Plant, \$1.50

KENS COMET (Aust 86BB), StC, E, Bloom $4\frac{1}{2} \times 3$, Bush 4 ft. Amaranth rose with tips almost white. Unique in color with blooms very deep and well formed. Root, \$1.00; Pot Root, \$1.00; Plant, \$1.00

LITTLE PATTY (Lake 85BB), SC, EM, Bloom 5×3 , Bush 4 ft. Lovely pure white. Good outflower with strong stems with Snowcup as its only competitor in this size and type. Three Honor Rolls. Root, \$1.00

MADELINE (Aust 86BB), StC, M, Bloom 5×3 , Bush $2\frac{1}{2}$ ft. Lovely blend of French rose shading lighter at center and tips. Fine petals. Plant, \$1.00

MAMAU (Aust 86BB), SC, EM, Bloom $4.5 \times 2\frac{1}{2}$, Bush $3\frac{1}{2}$ ft. Beautiful deep primrose yellow. Most attractive and very satisfactory for us. Root, .75

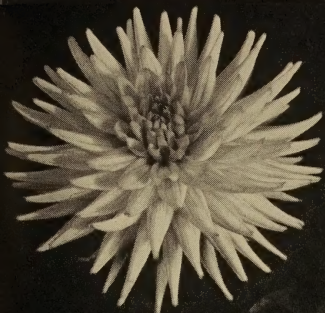
MISS CONCORD (Aust 85BB), StC, M, Bloom $5 \times 2\frac{1}{2}$, Bush $3\frac{1}{2}$ ft. Light primrose yellow. Perfect form and vigorous grower. Root, .75

MISS ROSE FLETCHER (Aust 85BB), StC, M, Bloom $5\frac{1}{2} \times 3$, Bush $4\frac{1}{2}$ ft. A very pretty clear rose pink or light rhodamine pink. Fine bush growth, a good bloomer and a real prize winner. Root, .75

MRS. D. W. NICHOLAS (85BB), IC, E, Bloom 6×3 , Bush $3\frac{1}{2}$ ft. Most appealing lavender described rose purple to light phlox purple all one tone. True Incurved and a wonderful keeper. Responds well to pruning and disbudding. Can be grown as a B or BB. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

MRS. HAYSTON (Aust 85BB), SC, E, Bloom 5×3 , Bush $2\frac{1}{2}$ ft. Wonderful rich dianthus purple. Good stocky grower, profuse, and sure to please. Root, .75

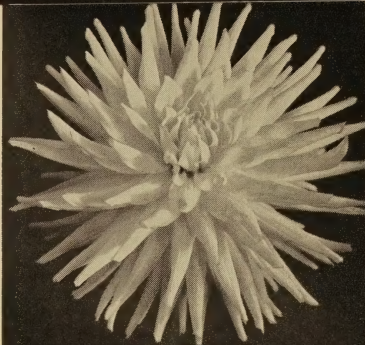
MRS. W. MURRAY (Aust 85BB), SC, E, Bloom $4\frac{1}{2} \times 3$, Bush $3\frac{1}{2}$ ft. Bright signal red of fine form. Full centers and excellent stems. Very desirable. Stands hot weather. Root, \$2.00; Plant, \$1.00



ELLA COLE



THE BRIDE



MADELINE

BB

CACTUS GARDEN DAHLIAS for Cutting

BB

OLGA JEAN (Aust 86BB), SC, E, Bloom 5 x 3, Bush 3½ ft. Striking cherry red with yellow shadings at base of petals. Performed exceptionally well here. One of the best. Root, \$1.50; Plant, \$1.00

RINGWOOD ROSE (86BB), SC, M, Bloom 4-5 x 3, Bush 4½ ft. A definite pastel. Dawn pink shading lighter at tips and on the reverse. Good thin stems and dark foliage make it very appealing.

Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

RISA GRIVELL (Aust 85BB), SC, EM, Bloom 5 x 2½, Bush 3½ ft. Really an outstanding light blend of sulphur yellow heavily tipped rose red. One of the best new Australians. Root, .75

SANTOI (Aust 85BB), StC, E, Bloom 5 x 2½, Bush 3 ft. Lovely Orient red and such a good all around grower it will be very popular. Root, .75

SNOWCUP (John 85BB), SC, Bloom 4½ x 3, Bush 5 ft. An artistic white with quilled petals for florists. Excellent substance and profuse. A real winner.

Root, \$1.00

TALISMAN (Phillips-Rock 85BB), SC, Bloom 5 x 3. Golden yellow with each petal delicately outlined cherry red. Fine substance and very profuse. Already a winner on the show table.

Root, \$3.00; Pot Root, \$2.25; Plant, \$1.50

THE BRIDE (Aust 85BB), IC E, Bloom 6 x 3, Bush 4½ ft. The finest white of its type we have grown. Good form, profuse and most satisfactory.

Root, \$1.00; Pot Root, .75

TWEED (Aust 85BB), SC, EM, Bloom 5 x 3, Bush 4 ft. Beautiful yellow, deep in form, inclined Incurved Cactus. Wonderful stems for cutting. Root, \$1.00

ZUIWN (Japan 85BB), StC, M, Bloom 5½ x 3, Bush 3 ft. A bright crimson carmine of very pleasing form on wiry stems. Excellent for cutting. Root, .50

DAHLIA SEED

Sow in flats or frames in early spring in light soil, cover the seed not more than one-fourth inch about the same as you would tomato seed, or better still cover seed with vermiculite. When first pair of true leaves are well developed transplant into small pots or flats and grow in cool temperature until they can be planted in the garden. Should they get too large, pinch back and shift to larger pots.

Dahlia seedlings never come true to their parentage, but do usually show some similar characteristics in form, color or bush growth. You cannot grow seedlings of a named variety and produce the same variety.

CALIFORNIA GROWN SEED

For many years Mr. John Gaylord has supplied us with our California Grown Seed and we believe it to be the best seed available as results have proven.

- #1—CACTUS SEED, Straight and Incurved
- #2—SEMI-CACTUS SEED
- #3—CACTUS AND SEMI-CACTUS SEED MIXED
- #4—FORMAL DECORATIVE SEED
- #5—INFORMAL DECORATIVE SEED
- #6—FORMAL AND INFORMAL DECORATIVE SEED MIXED
- #7—CACTUS, SEMI-CACTUS AND DECORATIVE SEED MIXED

All seed listed above

20 Seed, \$1.00; 100 Seed, \$5.00, Postpaid

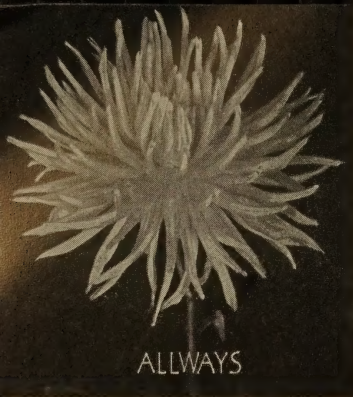
COLOR CLASSIFICATION

A few years back we recommended to the Classification Committee that changes be made in color classes. Namely—Pink to include phlox, rhodamine and fuchsine pink; Orange to include the orange reds such as Saturn, nasturtium and fire red; the Dark Red Class to include such colors as Indian lake, Ruby red, garnet lake, as well as maroon which is now classified as dark red and is more purple than the three colors mentioned above. These recommendations are in accord with public demand and we hope some action will be taken in the near future to adjust this matter. We are classifying some of our pinks according to above recommended color changes in our 1960 edition.

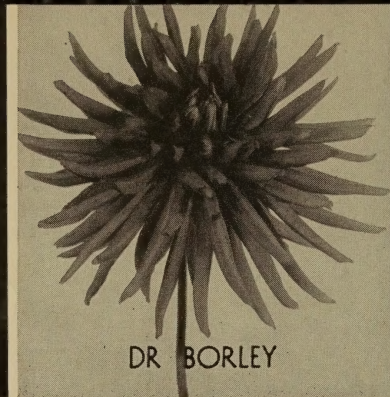
DAHLIADEL GROWN SEED

- #8—COLLARETTE SEED35 Seed \$1.00
- #9—ORCHID FLOWERING SEED35 Seed \$1.00
- #10—MINIATURE SEED35 Seed \$1.00
- #11—SINGLE SEED35 Seed \$1.00
- #12—UNWIN'S DWARF HYBRIDS, MIXED. Miniature, early flowering, semi-double hybrids, 1½ to 2 feet high, in a wide range of charming colors. Fine for bedding. May be planted 18 to 20 inches apart. Pkt. .50

No postage and packing charge on seed orders.



ALLWAYS



DR BORLEY



BROWN BOMBER

STRAIGHT CACTUS DAHLIAS

ALLWAYS (Phillips-Rock 85A), ML, Bloom 9 x 5, Bush 4½ ft. Lovely camellia rose with lighter shadings. Profuse and good substance. Very popular.

Root, \$1.00

AUMONIER CHANDELON (Fr 85B), M, Bloom 7 x 5, Bush 5 ft. Neyron rose shading lighter at center. A very pleasing pastel. Nice form. Good for exhibiting.

Root, .75

BALLERINA (Fr D G 85B), M, Bloom 7½ x 4, Bush 5 ft. Light salmon orange shaded peach red. Flowers held in good position on long stems. Bush growth vigorous. Good for cutting.

Root, .75

BARITA (Aust 85B), E, Bloom 8 x 4, Bush 4 ft. Light straw yellow suffused buff and rose. Lovely form, good stiff stems, and really exceptionally good all season.

Root, .75

BLAZE AWAY (Aust 85B), ML, Bloom 6 x 3, Bush 4 ft. Outstanding yellow heavily suffused Saturn red. Winner of many awards.

Root, \$1.00

BROWN BOMBER (S. Africa 85A), E, Bloom 9-10 x 4, Bush 4 ft. A large and appealing amber yellow suffused lovely camellia rose. Early bloomer and splendid grower. Really unusual. A winner on the show table.

Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

BUNNY (Aust 85B), E, Bloom 8 x 3, Bush 4 ft. Lovely primrose yellow with pointed petals. Uniform blooms on fine stems. A popular winner in many shows as an Incurved Cactus.

Root, \$1.00

CAROL FRANCIS (Carlisle 85A), E, Bloom 9 x 5, Bush 4½ ft. A truly beautiful amaranth rose shaded pastel mauve. Full centers. Good grower and most desirable.

Root, \$1.00

CLARA HOOK (Wol-Rock 85A), E, Bloom 9½ x 6, Bush 5½ ft. Primrose yellow lightly suffused apricot on outer petals. A good keeper and free bloomer. Winner of the Derrill Hart Medal.

Root, .75

CLARIAM ROYALTY (Wol-Rock 85A), M, Bloom 9½ x 6, Bush 5 ft. Large Tyrian purple. Winner of 7 Achievement Medals. Outstanding in its class. Full petalled well formed and very desirable.

Root, \$1.50; Plant, \$1.00

CRISLENE (Cry-Dahl 85B), M, Bloom 7 x 4, Bush 4½ ft. Lovely light blend of Venetian pink changing to light primrose yellow at center. Dainty and appealing all season. Fine form and clean pastel color that will easily win on the show table. Winner of many firsts besides scoring in five Trial Grounds.

Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

DANDY SNOW (Aust 85A), M, Bloom 9 x 6, Bush 4½ ft. Pure white. A strong healthy grower producing well formed blooms of uniform size. Fine for cutting or exhibiting.

Root, \$1.50; Pot Root, \$1.25; Plant, \$1.00

DEBBY (Dahliadell 85B), 1957, E, Bloom 8-9 x 4, Bush 5 ft. Lovely fuchsia pink. Grows wonderfully well in regular field culture and does not need to be pampered. Nice pointed petals. Fine for cutting, producing many flowers on fine stems. Certified at Rutgers.

Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

DESIREE DRAPS (85B), E, Bloom 8 x 4, Bush 3½ ft. Pleasing rhodamine pink shading lighter. Petals are doubly lacinated giving a very fine, lacy appearance.

Root, .75

DR. BORLEY (Harter-Dahl 85B), 1957, E, Bloom 7 x 4, Bush 4 ft. Rich velvety and unusual orchid purple, similar to Jean Trimbee in color but a Straight Cactus. Sturdy bush with strong stems. Continuous bloomer with perfect centers from early to late. You just can't help liking this dahlia. It does so well in all climates, and we know of no competitor in its class and color. Won Achievement Medal, Sal Leandro and Certified Pacific Coast Trials.

Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

EDNA D. (Dif-Rock 85), EM, Bloom 11 x 6, Bush 6 ft. Impressive large cherry red. Full centers, long stems and good growing habits. Winner of 3 Achievement Medals. An impressive dahlia.

Root, \$2.00; Plant, \$1.00

GOOD EARTH (Holl 85B), M, Bloom 8 x 4, Bush 4½ ft. Lovely Persian rose. Long wiry stems. Blooms open slower but fine for cutting.

Root, \$1.00

JERSEY DAINTY (Waite 85B), M, Bloom 7 x 3, Bush 5 ft. White, faintly tinged lavender early in the season. Fine for exhibiting and cutting. Blooms held on long, straight stems. Healthy plant growth.

Root, .75

JUANITA (S. Africa 85B), E, Bloom 6 x 3½, Bush 3½ ft. Tyrian purple shaded ruby red. Good keeper when cut. Beautiful in the garden and produces prize winning blooms.

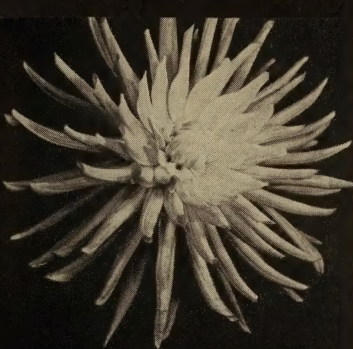
Root, \$1.00

KING SIZE (John 85A), E, Bloom 10 x 5, Bush 3 ft. Color descriptions vary from spectrum to rose red. Fine bush with nice stems and winner of many firsts. Centers full, outstanding in size.

Root, \$1.50; Plant, \$1.00

MAGNETIC (John-Dahl 85B), E, Bloom 7½ x 3½, Bush 3 ft. Brilliant primrose yellow of Australian origin. Early and most profuse of any yellow Cactus. Fine for cutting, baskets and arrangement. Faces ideal on strong, slender stems, with full perfect centers to the last bloom.

Root, \$1.00



MARGARET JARDINE



JUANITA



SNOW GIRL

STRAIGHT CACTUS DAHLIAS—Cont'd

MARGARET JARDINE (Aust 85B), EE, Bloom 8 x 3, Bush 2 ft. Attractive light blend of gold lightening to straw yellow at center flushed Tyrian rose on outer petals. Beautiful for landscape planting.

Root, \$1.50; Pot Root, \$1.25; Plant, \$1.00

MARVELOUS (Ros 85B), EM, Bloom 7½ x 4. Beautiful rhodamine pink cactus with excellent foliage. Winner of many Awards and an Am. Home Achievement Medal.

Root, \$1.00

NITA (Hale-Summit G. 85B), Bloom 8 x 4, Bush 4½ ft. A sport of Juanita. Won the Derrill Hart Medal for B dahlias with an average score of 85.6. Nita broke all records with 22 A.H.A. Medals and many other firsts. Cyclamen purple with variegations of mallow or orchid purple. Same excellent qualities and habit of growth as Juanita. A sure winner.

Root, \$3.50; Plant, \$1.50

PRIDE OF HOLLAND (Bru 85A), E, Bloom 9 x 5, Bush 4½ ft. A clear Persian rose that we like very much with its pleasing form and color. Good stems, healthy grower, and profuse bloomer.

Root, \$1.50

RENEE (Marker-Gamston), Bloom 7½ x 4½, Bush 3½ ft. Beautiful azalea pink. Won 3 A.H.A. and A.D.S. Seedling Sweepstakes. Vigorous grower and prolific.

Plant, \$1.75

SAM HERST (John 85A), ML, Bloom 10 x 5, Bush 5½ ft. Primrose yellow with fine laciniated petals. Profuse and winner of many firsts.

Root, \$1.00

SHEBIE (Dahl 85B), M, Bloom 6 x 3, Bush 4½ ft. Lovely even tone bright mauve sport of Ballerina. Easy to grow, and excellent root maker. Does best in cool weather.

Root, .75

SKYROCKET (Sar-Rus 85A), M, Bloom 10 x 5, Bush 4½ ft. Distinctive for size and the bright scarlet color. Several Achievement Medals. Healthy and vigorous. Classified SC but StC for us.

Root, \$1.00

SNOW GIRL (Dahliael 85B), E, Bloom 7 x 4½, Bush 4 ft. Lovely pure white almost like Dandy Snow, only a smaller size. Profuse, full centers and a good keeper for cutting. After first blooms laterals produce long wiry stems.

Root, \$1.00

VAL ST. LAMBERT (Bel 85B), M, Bloom 7 x 3, Bush 3½ ft. Almost white suffused and lightly tipped Tyrian purple. Petals are straight and laciniated making it very unusual.

Root, \$1.00

VERMONT BELLE (Aust 85A), E, Bloom 9 x 5, Bush 5 ft. Bright tangerine orange with vermilion shadings and a golden sheen. Should be in the Orange Class. StC that is inclined IC. Wonderful grower all season. Fine for exhibition.

Plant, \$2.00

VERMONT SUNRISE (Aust 85B), E, Bloom 8 x 5, Bush 4 ft. Mimosa yellow with a very slight suffusion of rose on outer petals. Wonderful form and color. Can be grown as an A dahlia.

Root, .75

VICTORY DAY (Bru 84B), EM, Bloom 8 x 4, Bush 5 ft. Cherry or Orient red. Unusually bright uniform blooms. An excellent keeper. Beautiful in the garden and wonderful for baskets and exhibiting.

Root, \$1.00

WOY WOY (Aust 85A), ML, Bloom 9 x 4½, Bush 3½ ft. Light primrose yellow. Fine form, good stems and a healthy grower. Very satisfactory.

Root, \$1.00

VISITORS WELCOME AT DAHLIAEL

Although we think each year of cutting down a bit we still grow 20 acres of dahlias and many friends and customers enjoy riding through the field in late September and October when they are in full bloom, to see the array of color and types.

If you don't find the variety you are looking for send us a note. We do appreciate the early orders and all personal letters telling of your experiences and thank you again.

Wishing you the best year ever in 1960 and hope to meet many of you personally.

"The Maytrotts."

ABBREVIATIONS OF ORIGINATORS AND INTRODUCERS

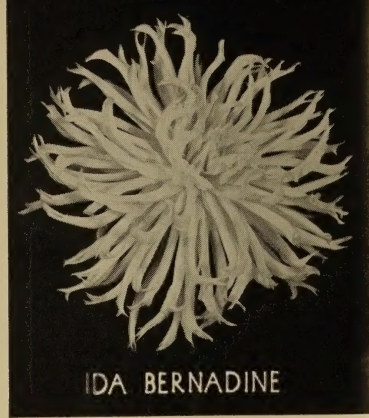
An Anderson, Aust Australia, Bad Badetty, Bak Baker, Bal Balley, Bel Belgium, Ben Benedict, Ber Berwick, Car Carlee, Cha Chappaqua, Che Chemar, Com Comstock, Cry Crystal D. G., Dahl Dahliael, Dif Diffenderfer, Dix Dixie D. G., Do Doerman, Ecc Eccleston, Em Emmons, En English, Eu Europe, Fr France, Fr D G Frank's D. G., Gen Geneva, Gold Golden Rule, Hc Hillcrest, Holl Holland, John Johnson, Kni Knight, Lake Lakeside D. G., LaM LaMotte, Oak Oakleigh, O Dom Old Dominion, Par Parrella, Pea Peacock, Pitt Pittman, Prem Premier, Rind Rindfleisch, Rock Rocky River, Ros Rosemary, Rus Ruschmohr, Sal Salem D. G., San Sanhican, Sar Sarett, St Straight, Str Stredwick, Wol, Wolbert.



GOLD COIN



LESLIE V. DAHL



IDA BERNADINE

INCURVED CACTUS DAHLIAS

APRICOT GLOW (Aust 85B), E, Bloom 6 x 3, Bush 4 1/2 ft.

A 5 championship winner in Australia and very fine for us. Light mimosa yellow flushed rose. Good form, stems and bush growth.

Root, \$1.50; Plant, \$1.00

BERKY (Kovar-Rus 85A), Bloom 10 x 5, Bush 5 ft. Beautiful light blend of deep lemon yellow at center over-cast mallow pink on the outer petals. Healthy, tall and branching. Certified at East Lansing and Long Island Trial Grounds.

Root, \$10.00; Pot Root, \$7.50; Plant, \$3.50

BERYL JEAN (Aust 85B), M, Bloom 8 x 4 1/2, Bush 5 ft. Amaranth rose with white at base of petals showing more at center. Healthy, profuse with fine stems.

Root, \$1.00; Pot Root, .75

BIG MO (Roberts-Rus 85A), ML, Bloom 12 x 6, Bush 5 ft. Really one of the big dark fellows. Deep chrysanthemum crimson. In hot weather it is somewhat temperamental. Blooms held erect on long straight stems. Classified IC but at times may be StC or SC.

Root, \$1.50

BLENDETTE (Ros 85B), ML, Bloom 7 x 3, Bush 4 1/2 ft. Light mimosa yellow with center and outside row of petals a soft red. Strong grower, profuse and blooms keep well. Very fine and most unusual.

Root, .75

BRONZE GIANT (Aust 85A), M, Bloom 9 x 5, Bush 4 ft. Amber yellow suffused lovely camellia rose. Almost identical to Brown Bomber in color but it is an Incurved instead of Straight Cactus. Fine open grower and most satisfactory.

Root, \$1.00

CHRISTINE AUS (Holl 85B), M, Bloom 7-8 x 3, Bush 4 ft. Lovely variegated with rose undertone splashed and veined crimson red. Full centers, good grower and good stem position. The only IC variegated we have.

Root, \$1.50; Pot Root, \$1.25; Plant, \$1.00

CLARIAM PARRISH (Wol-Rock 85A), 1957, EM, Bloom 9 x 5, Bush 4 ft. Large light Persian rose to phlox pink shading lighter at center and tips. Good grower and a real winner.

Root, \$3.00; Pot Root, \$2.25; Plant, \$1.50

CLARIAM SPLENDOR (Wol-Rock 85A), M, Bloom 11 x 5, Bush 2 1/2 ft. A blend of yellow suffused light lilac pink on outer petals, each petal edged deeper lilac. Good stems and bush growth.

Root, \$1.00

CORAL ROBINSON (Aust 85B), M, Bloom 8 1/2 x 5, Bush 3 1/2 ft. Just about the most beautiful Signal red Incurved Cactus that we have seen or grown. Don't miss it. We think it tops and may really qualify for the A Class.

Root, \$1.50

CORNAIR (Aust 85B), M, Bloom 8 x 4, Bush 5 ft. Truly Incurved rich Empire yellow with slight marigold orange shadings on outer petals. It is unusual to find such a beautiful deep yellow. Prolific. Long, stiff, slender stems.

Plant, \$1.00

GOLD COIN (Pape-Rock 85A), M, Bloom 9 1/2 x 5, Bush 4 1/2 ft. Lovely light chrome yellow with a faint rose suffusion at center. Tightly rolled petals are decidedly Incurved. Very good substance. Most satisfactory.

Root, \$1.00

GOLDEN DUST (Aust 86B), M, Bloom 8 x 4, Bush 4 ft. Marigold orange with apricot suffusion. Perfect form, nice stems, holds good center and very profuse. Almost without competition in the Orange Incurved Cactus class.

Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

GOLDEN JUPITER (Kemp 85A), ML, Bloom 11 x 6, Bush 4 1/2 ft. Primrose yellow heavily suffused soft Jasper red. Although out a few years this variety is just becoming popular. Good grower and most satisfactory for exhibition.

Root, \$1.50

GOODY (John 86B), E, Bloom 8 x 4, Bush 5 ft. Light Persian rose or rhodamine pink describes this beautiful Straight or Incurved Cactus. It is a Stc mostly for us but classified as IC. Plenty of fine blooms on strong stems.

Root, \$5.00; Plant, \$2.50

GRANDEZZA (Holl 85B), M, Bloom 7 x 3, Bush 4 1/2 ft. Beautiful form with laciniated petals. Currant red shading to cardinal. Certainly different and fine for exhibition and cutting.

Root, \$1.00

GRANDMASTER BERGER (85A), EM, Bloom 9 x 5, Bush 4 ft. Attractive rhodamine pink. Well formed blooms and strong bush growth. Very promising.

Root, .75

IDA BERNADINE (Frank-Dahl 86B), E, Bloom 8 x 5, Bush 4 ft. Unique yellow with very little competition. Scored 85.5 at Long Island Trials in 1954. Good growing bush producing well formed, full centered flowers throughout the season. Fine stems. A really different addition to our dahlia family.

Root, \$1.50

IMPERIAL (Brown-Rock), 1957, M, Bloom 12 x 5. Apricot orange early in the season but toward the end it is more of an Autumn shade. A good grower and quite profuse for its immense size. A favorite of the originator.

Root, \$3.00; Pot Root, \$2.25; Plant, \$1.50

IVA JEAN (Lundgren-Dahl 86B), E, Bloom 7 x 4, Bush 4 ft. A most outstanding dahlia. Unusual for bi-colors as all blooms are evenly and distinctly tipped white on soft cyclamen purple. Easily grows 7 to 8 inches. A good grower and fine for exhibiting. Won several American Home Achievement Medals, A.D.S. Seedling Sweepstakes and won the Derrill Hart Memorial Medal for B Dahlias with the highest average score in 4 Trial Grounds.

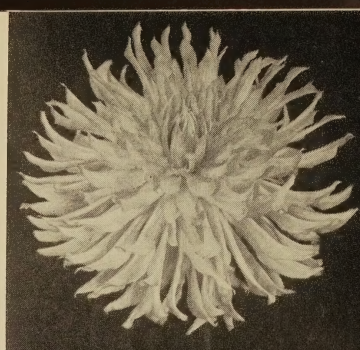
Root, \$2.50; Pot Root, \$2.00; Plant, \$1.25



MIRANDA



IVA JEAN



NUTLEY SUNRISE

INCURVED CACTUS DAHLIAS—Cont'd

JAN (Aust 85B), EM, Bloom 8 x 4, Bush 4 ft. Quite unusual straw yellow suffused and heavily tipped rose opal. Definite Incurved Cactus and very satisfactory. Root, \$1.50; Pot Root, \$1.00

LESLIE V. DAHL (Aust 85B), EM, Bloom 7 x 4, Bush 4 ft. Lovely marigold orange with a little yellow at center and on outer petals. Full centers all season. Good rugged grower much needed in its class. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

L. M. PROOPS (Aust 85A), EM, Bloom 9 x 4, Bush 4 ft. Rose red almost currant red. Fine quilled definite Incurved Cactus. Came to us classified purple but probably more red than purple under varied growing conditions. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

MAESTOSO (Holl 85A), E, Bloom 9 x 5, Bush 5 ft. A very pretty deep blood red, fine growing and blooming habits. A good addition in your garden. Root, .75

MARCIA JANETTE (Aust 85B), E, Bloom 8 x 4, Bush 4 ft. Truly beautiful persian rose. Full of blooms all season. Fine stems natural. Root, \$1.00

MIRANDA (Aust 85B), E, Bloom 8 x 4, Bush 3½ ft. Soft Egyptian buff with salmon and rose shadings. Petals curl and twist adding to its beauty. Good thin, strong stems. Root, \$2.00; Plant, \$1.00

NUTLEY SUNRISE (Frey-Dahl 85B), 1957, E, Bloom 8-9 x 6, Bush 4 ft. Lovely bright apricot base with burnt orange suffusion and shadings of China rose. It can be grown and exhibited as an A dahlia. Good stems. Unusual form, petals curl and twist to make a real deep bloom. A consistent prize winner. Root, \$3.00; Pot Root, \$2.25; Plant, \$1.50

OAKLEIGH CHAMPION (Phillips-Oak 85A), M, Bloom 9 x 4, Bush 5 ft. Blend of soft orange buff overlaid light Tyrian pink. Artistic in form with long laciniated and twisted petals. Certified at 3 Trial Grounds. Root, .75

PARI TAHA GOLD (NZ 85B), E, Bloom 6 x 3, Bush 3 ft. Chrome yellow overlaid nasturtium orange. A rather dwarf, symmetrical bush loaded with blooms. A color spot in your garden. Nice stems can be had by disbudding. Use drawing Y. Root, .75

PATRICIA SPOLEN (John 85A), M, Bloom 10 x 6, Bush 5 ft. Lovely apricot suffused saturn red giving a general autumn tone although officially classified as orange. Won 9 Achievement Medals, 5 A.D.S. Gold Medal Certificates. Lovely form with notched petals. Root, \$1.50; Plant, \$1.00

PHENOMENON (Nagels 85A), EM, Bloom 9 x 4, Bush 4 ft. Striking light blend. White suffused fuchsia purple. Beautiful fine frill appearance with laciniated petals. Winner of many awards. Root, \$1.50; Plant, \$1.00

SARETT'S PINK FLAMINGO (Sar-Rus 85A), EM, Bloom 9 x 5, Bush 4½ ft. Tyrian pink with straw yellow undertone. A fine grower, early and continuous bloomer. Winner of 3 Achievement Medals and on 3 Honor Rolls. Root, \$1.00

SON OF SATAN (Slocum 85A), M, Bloom 11 x 5, Bush 5 ft. Bright scarlet. The petals revolute sufficiently to be an Incurved Cactus but occasionally a Semi-Cactus. Root, \$1.50

VICTORY MAID (Holl 85B), M, Bloom 8 x 3, Bush 4 ft. Cherry red consistently tipped white. Fine for exhibiting. Stiff stems and a good keeper. Root, \$1.00

WHITE MIST (Aust 86B), M, Bloom 7 x 3, Bush 3 ft. Wonderful white for exhibiting or cutting. Good grower and prolific. We believe it is the best of its type. Root, \$1.00

WINSOME (Aust 85B), EM, Bloom 7 x 4, Bush 3 ft. Very beautiful form and color. Intense Persian rose with lighter shadings at base of petals. Much needed in its class and fine for cutting with full centers through the season. Root, \$1.50; Plant, \$1.00

DAHLIA SOCIETIES

The **AMERICAN DAHLIA SOCIETY** issues quarterly Bulletins.

CENTRAL STATES DAHLIA SOCIETY, issues "The Dahlia." Annually.

MICHIGAN DAHLIA SOCIETY, "Michigan Dahlia News."

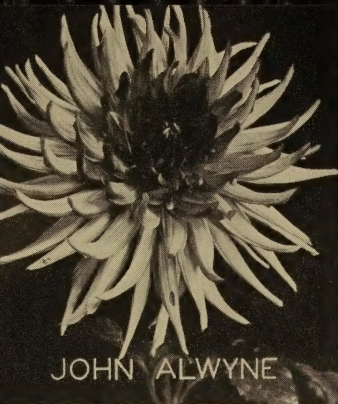
NATIONAL CAPITAL DAHLIA SOCIETY, monthly "Dahliagram."

All above publications are of much help to dahlia lovers, growers and exhibitors with their cultural hints for growing and exhibiting, recommendations of varieties, insect control, winter storage and many other phases of dahlia culture. We will gladly send membership applications or secretaries addresses to those who are interested.

There are also many local dahlia societies that provide fellowship, promote competitive shows and make dahlia growing more interesting.

AUSTRALIAN VARIETIES

In striving to collect and offer the finest and most satisfactory in new dahlias in existence today, we are getting a larger percentage of worthwhile dahlias from Australia than all the rest of the world put together. You will find more than we have ever listed before in all types scattered through the catalog.



JOHN ALWYNE



RED VELVET



BOND'S MEMORY

SEMI-CACTUS DAHLIAS

BOND'S MEMORY (Aust 85B), E, Bloom 8-9 x 4, Bush 4 ft. An attractive light blend. Rose pink shading lighter with white at center. Early, good grower and most pleasing. A real acquisition, one of our best and should be in everyone's garden. Root, \$1.00

CARNAVAL (Holl 85B), E, Bloom 7 x 4, Bush 4 ft. Most striking signal red with yellow at the base and slight yellow tipping on each petal. Good centers and good grower. Many winnings. Root, \$1.00

CARRIE MAC AVOY (John 85A), 1957, E, Bloom 11 x 7, Bush 5 ft. Appealing blend of Mimosa yellow lightly suffused camellia rose to buff at tips. Sturdy grower and a real exhibition variety. Winner of 5 American Home Achievement Medals, and 4 A.D.S. Seedling Sweepstake Awards.

Root, \$3.00; Pot Root, \$2.25; Plant, \$1.50

DELCIE (Aust 85B), M, Bloom 8 x 5, Bush 3 ft. Very pretty coral pink with Empire yellow at center. Strong stems. Very profuse and better disbudded.

Root, \$1.50

FRESCO (Holl 85A), M, Bloom 10 x 5, Bush 4 ft. Attractive Rhodamine pink with buff undertone. Petals curled and laciniated. Rugged grower. Won many prizes, and very appealing. Root, \$1.00

GIANT OF BAARN (Holl 85A), M, Bloom 10 x 5, Bush 4 1/2 ft. Bright vermilion red with a lighter reflex. Very large and impressive. Profuse and certainly outstanding in your garden. Root, \$1.00

GLORIOUS (Hymer-Dahl 85B), E, Bloom 8 x 4, Bush 4 ft. Lovely, clear light primrose yellow with deeply serrated petals. Wonderful form, early full centered and deep. Truly glorious all season which prompted its name. Root, \$1.50

JANET BECKETT (En 85A), M, Bloom 10 x 5, Bush 4 1/2 ft. Lovely mimosa yellow with a slight flush of rose in center of bloom. Wavy petals. Very satisfactory.

Root, \$1.00

JOHN ALWYNE (Aust 85B), EM, Bloom 8 x 4, Bush 4 ft. Striking Orient red inclined Incurved Cactus and extra good all through the season. Perfect centers. Very satisfactory here. Root, \$2.00; Plant, \$1.00

LADY IN RED (Dix 85B), M, Bloom 8 x 5, Bush 5 ft. A bright scarlet red that is a good cut flower. Beautiful for baskets. Fine form and color. A vigorous grower with dark green foliage. Root, .75

MINNEHAHA (Rock), 1959, M, Bloom 8 x 5, Bush 5 ft. Lovely amaranth rose with pointed petals. Nice form, prolific with long wiry stems. Certified at East Lansing and Ohio Valley. Plant, \$2.50

PAPE'S PINK (Pape-Rock 85B) E, Bloom 8 x 4, Bush 4 ft. Beautiful blend of amaranth rose with a little yellow at base of petals. Good centers, and bush. Root, \$1.00

PRIDE OF PARKERSBURG (Smith 85A), M, Bloom 9 x 5, Bush 3 ft. Deep primrose yellow of fine form on good stems. Has many winnings to its credit and is worthy of your trial. Root, \$1.00

RAY SMITH (Scheffel 85A), M, Bloom 10 x 5, Bush 5 1/2 ft. Light phlox purple or soft mauve with lighter tips. Does well in field culture and a very fine commercial. Root, \$1.00

RED VELVET (Dahl 85A), M, Bloom 10 x 6, Bush 4 1/2 ft. Definitely a rich currant red with cardinal shadings, but it has soft Tyrian purple shadings on the reverse which enhance its beauty. Healthy with strong erect stems growing well out of the foliage. Wonderful substance, spectacular for baskets. Root, 1.00

SILVER WEDDING (85A), EM, Bloom 10 x 5, Bush 5 ft. Ivory white with slight lavender cast on opening. Largest white SC winning in many shows. Strong healthy grower. Root, \$1.00

TERRY (Zazo 85A), M, Bloom 10 x 7, Bush 4 ft. A beautiful mauve with unusually shaggy and long narrow staghorn petals. Large and deep. Most distinctive in form. Root, \$2.00; Plant, \$1.00

VIC ARCHER (Aust 85B), M, Bloom 7 x 3, Bush 3 ft. A most pleasing light blend of soft apricot with gold at center. Centers always full. Good stiff stems hold blooms in fine position. Top twice for sufficient branching. Root, \$1.50; Plant, \$1.00

WOODLAND BEAUTY (Aust 85B), EM, Bloom 8 x 3 1/2, Bush 3 ft. An outstanding light primrose which is really beautiful and has done well here. Good grower and fine for exhibition. Plant, \$1.00

YELLOWIN (Aust 86B), EE, Bloom 8 x 4, Bush 4 ft. Rich bright yellow with lighter reverse. Stiff stems. Most profuse and already a winner on the show table. One of the very best.

Root, \$3.00; Pot Root, \$2.00; Plant, \$1.25

ORIGINATORS AND INTRODUCERS of Dahlias are indicated by abbreviated names directly following the name of the dahlia. Table of Abbreviations will be found on Page 7. The first name is that of the originator, the second the introducer. A single name only means the originator is also the introducer. Foreign Dahlias in most cases just have the country indicated. The score following the originators' name is compiled in accordance with the official Score Sheet. A dahlia must score 85 to be certified. We seldom keep a variety falling below 84 while few dahlias score over 86. Therefore many varieties carry the approval score of 85.



HILLCREST GRATUITY



RED SAILS



EL DORADO

SEMI-CACTUS DAHLIAS—Cont'd

ALL AMERICAN (Sal 85A), M, Bloom 10 x 6, Bush 4½ ft. Spinel red with Spanish orange undertone. A finely formed dahlia. Award of Honor, Ga. Easy to grow and very satisfactory. Root, .75

BOB HOPE (Garrity 85A), ML, Bloom 11 x 6, Bush 3½ ft. Outstanding Orient red with high full centers and large pointed petals. Very massive and attractive blooms. Rugged grower. Fine for exhibition. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

DR. PAUL RAHN (Rafferty-Dahl 85A), 1958, M, Bloom 10 x 5, Bush 3½ ft. Beautiful Persian rose to phlox pink coming in the pink class. Takes the heat and does not burn. It does exceptionally well on both the East and West coasts. Full centers all season. Certified at Long Island and Oakland, 1957. Well recommended. Root, \$4.00; Plant, \$2.00

EL DORADO (Gaylord-Dahl 85B), 1957, E, Bloom 8 x 4, Bush 5 ft. A bi-color of lovely marigold orange deepened with lines of capsicum red, with long white tips. There is surely nothing like it. It has nice long straight stems and dark foliage. Certified in 4 trials winning the Derrill Hart Medal. Very satisfactory everywhere. Root, \$2.00; Pot Root, \$1.50

FAITHFUL (Dahl 85A), M, Bloom 9-10 x 4-5, Bush 5 ft. One of the best. White Semi-Cactus. Does best under normal culture. Bush growth sturdy, with glossy green foliage. Good root maker. Blooms always full-centered. Root, \$1.00

FIREGLEAM (Johnson 85B), M, Bloom 6 x 4, Bush 5 ft. Bright orange shaded nasturtium red with canary yellow at the base of each petal. Lovely and deep in form. Long straight stems. Won 2 Achievement Medals. Root, .75

GRETEL (Bauer 84B), E, Bloom 6 x 3, Bush 3½ ft. Color, a soft fiery red. This variety is very satisfactory for cutting. The first in bloom. Profuse and a good keeper. Root, .50

HILLCREST GRATUITY (Aust 85A), E, Bloom 9 x 5, Bush 3 ft. Lovely cadmium orange shaded Mars orange and lighter at center. Sturdy bush. Very prolific and centers full throughout season. Really outstanding. Root, \$1.00

HOLLYWOOD STAR (Pape-Robens), M, Bloom 10 x 6, Bush 6 ft. Orchid purple slightly lighter center and reverse. Has good substance. Root, \$1.00

LAURA B. (Trauth-Rock 85B), M, Bloom 8 x 5, Bush 4 ft. An unusual blend of Naples yellow with Persian rose on the majority of the lacinated petals. A lovely dahlia. Root, .75

LYNN ELIZABETH (Aust 85B), EM, Bloom 8 x 4, Bush 3½ ft. Sensational bi-color of white edged and tipped light phlox purple. Performs beautifully for us. Root, \$1.00

MICHIGAN WHITE (Keiser 85B), Bloom 7 x 3, Bush 5 ft. A prolific bloomer with good substance, on long stems. A fine commercial white. Root, \$1.00

MISS ELSIE JANE (Dahl 85B), E, Bloom 6 x 4, Bush 4 ft. About the most artistically formed dahlia in the entire list. A most unusual color, shrimp pink with cream shadings at center and tipped violet rose. Blooms freely. Heartily recommended. Root, .75

NEW LOOK (Guttler-Rus 85A), M, Bloom 10 x 5, Bush 5 ft. Empire yellow. If you are looking for a large yellow on long stems and a strong grower, try this one. You will like it. Root, \$1.00

PINK CLOUD (Dahliadl 85A), 1957, EM, Bloom 11 x 5, Bush 5½ ft. Beautiful Rhodamine pink, about the largest pink semi-cactus we have ever grown. Please don't dynamite it and spoil its stem as the stem is wiry and it grows large enough naturally. Root, \$3.00; Plant, \$1.50

PRAIRIE FIRE (Marsh-Rock 85½A), EM, Bloom 11 x 6, Bush 3½ ft. Bright Indian orange, winning 8 A.H.A. Medals. Surely outstanding. Certified at 2 Trial Grounds. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

PREAS' PRIDE (Preas-Rus 85A), Bloom 10 x 7, Bush 4 ft. Pleasing cyclamen purple edged lighter and tipped white. Bi-color sport of Jane Lausche. Root, \$2.50; Plant, \$1.25

RED SAILS (Dahl 85B), 1959, E, Bloom 7½ x 4½, Bush 4 ft. Very striking amber yellow heavily tipped lively rose red. Very close to a bi-color but the red blends into the amber making it even more beautiful. Very profuse. Unique form with full centers, robust growth and good stems. Certified at Oakland and East Lansing. Root, \$6.00; Pot Root, \$4.50; Plant, \$3.00

RIKA BALLIN (Eng 85A), M, Bloom 10 x 6, Bush 5 ft. Clear primrose yellow with fine bush growth and excellent stems. A real exhibition variety with pointed petals. Root, \$1.00

ROSELYN STRAIGHT (St-Rus 85A), E, Bloom 10 x 6, Bush 5 ft. Good lemon yellow with claret rose lines and suffusions. A bright spot for any exhibit or garden. Root, \$1.00

RUTH ALAMPI (Lloyd-Rus 85A), M, Bloom 10 x 6, Bush 5 ft. Phlox purple but general effect of deep lavender. Good stems and foliage. Winner of many prizes. Root, \$2.00; Plant, \$1.00

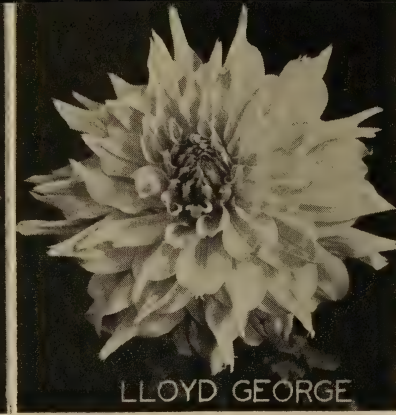
THE CARDINAL (Bak-Rus 85A), M, Bloom 11 x 6, Bush 6 ft. A most attractive currant red, winning the Derrill Hart Award and many other prizes. Fine rugged grower. Worthwhile. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00



SURPRISE



EMPIRE STATE



LLOYD GEORGE

SEMI-CACTUS DAHLIAS—Cont'd

ADA N. (Robens 85A), EM, Bloom 11 x 5, Bush 4½ ft. Lovely fuchsia purple with massive broad petals, that just naturally grows very large. A prolific bloomer.

Root, \$1.00; Pot Root, .75

ART LINKLETTER (Comstock 85A), M, Bloom 11 x 6, Bush 4 ft. One of the big primrose yellows that has many winnings to its credit. Good form, substance and bush growth. A real exhibition yellow that responds to good culture.

Root, \$3.50; Pot Root, \$2.50; Plant, \$1.25

BLACK MONARCH (Pape-Rock 85A), L, Bloom 11 x 5, Bush 4 ft. Color chrysanthemum crimson with oxblood shadings, classed as dark red. Strong healthy grower with good stems. However it is a late bloomer.

Root, \$1.50

BYAMEE (Aust 85B), E, Bloom 8-9 x 4½, Bush 3½ ft. Pale primrose yellow. Beautiful form with petals that twist and revolute enough to be almost a Cactus although classed SC. Perfect centers.

Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

CECIL M. (Minor-Rus), 1959, Bloom 10 x 6. Most appealing light blend of amaranth rose with lighter center and tips. Laciniated petals add to its beauty. Won two A.H.A. Medals, besides many Sweepstakes awards. Good substance, sturdy stems.

Plant, \$3.50

CHARLES ONDRICK (Roberts-Rus 85A), M, Bloom 10 x 5, Bush 4 ft. Unusual color of marigold orange suffused Jasper red with reverse of petals showing light purple. Good grower. Won its share of awards.

Root, \$2.00; Plant, \$1.00

ELSIE B. (Brach-Rus 85A), 1957, M, Bloom 11 x 5, Bush 5 ft. Amaranth rose shading lighter at tips and center. Certified at Long Island. Strong grower, very satisfactory.

Root, \$3.00; Plant, \$1.50

EMPIRE STATE (Warren-Rus), M, Bloom 11 x 6, Bush 5 ft. Impressive light blend of rose Bengal, canary yellow and marigold orange with broad petals that curl to points. Achievement Medal winner and on 2 Honor Rolls.

Root, \$1.00

PAM SILK (Aust 85A), ML, Bloom 9 x 5, Bush 4½ ft. Very appealing light carmine rose with primrose yellow at center. Healthy grower with long stems. Do not overlook this fine dahlia.

Root, \$1.00; Pot Root, .75

ROSEMARY J. (Kovar-Rus), Bloom 7 x 5, Bush 6 ft. Magenta rose shading lighter. Three A.D.S. Seedling Sweepstakes Awards. Rugged healthy grower. Good keeping qualities. Certified at Long Island, Mid-West and Southern Trial Grounds.

Plant, \$2.50

SURPRISE (Bak-Rock 85A), E, Bloom 9 x 5, Bush 4 ft. Lovely Empire rose with Egyptian buff shadings at center. Splendid grower. Won 8 Achievement Medals.

Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

INFORMAL DECORATIVE DAHLIAS

BESSIE HARDRESS (Aust 85A), M, Bloom 10 x 4, Bush 4 ft. A most appealing blend of soft mimosa yellow with pastel mauve shadings. Excellent grower and very popular. Classified Formal but breaks Informal many times.

Root, \$1.00

CLARIAM FOREVER (Wol-Rock 85A), ML, Bloom 9 x 4, Bush 4 ft. An outstanding clear light pink. Certified at Ohio Valley. Strong vigorous grower, good foliage.

Root, \$1.00

I WALK ALONE (Coles 84B), M, Bloom 6 x 3, Bush 5 ft. Very striking scarlet tipped white. Fine stems and wonderful keeper when cut.

Root, \$1.00

JOAN FERENZ (Rind-Rus 85A), M, Bloom 11 x 7, Bush 5 ft. Canary yellow lightly suffused rose red. Easy to grow. Large with little disbudding. Dark and insect-resistant foliage. Achievement Medal winner.

Root, \$1.00

LLOYD GEORGE (Miller-Forest 85A), M, Bloom 10 x 6, Bush 4½ ft. Soft buff undertone heavily suffused carmine rose. Good healthy grower. A really good dahlia.

Root, \$1.00

MARGARET TEMPLETON (Miller 85A), M, Bloom 10½ x 7, Bush 5 ft. Lovely pure white, full petaled, with great substance and keeping qualities. Well branched bushes.

Root, \$1.00

PAMELA JANE (Miller 85B), EM, Bloom 8 x 4, Bush 4 ft. White with just a creamy cast. Fine form, full centers. Winner of many prizes and good for cutting.

Root, \$1.00

WHITE NOBBY'S LIGHT (Aust 85A), EM, Bloom 10 x 6, Bush 5 ft. Lovely pure white of wonderful form. A fine grower, prolific and good long stems. Very popular.

Root, \$1.50

NOTICE

All bi-color and variegated varieties listed throughout the catalog have the tendency to throw bud sports reverting to solid color blooms, usually of the darker color. (A red and white bi-color may be solid red.) At times variegated dahlias will produce blooms of blended colors as well as solid colors. These bud sports sometimes only effect one branch of the plant.

They may continue the same the next season. Usually some of the divisions from the clump revert back to the variegated or bi-color type, however.

Therefore, we cannot guarantee bi-color and variegated dahlias other than explained above.



SEQUOIA



MARY ELIZABETH



KENTUCKY LADY

INFORMAL DECORATIVE DAHLIAS—Cont'd

CAROLINE M. (Moore-Rock 85A), 1957, E, Bloom 9 x 5, Bush 3 ft. Lovely amaranth rose, lighter center. Cleft petals. Won 5 Achievement Medals.

Root, \$3.00; Pot Root, \$2.25; Plant, \$1.50

CLARIAM IDOL (Wol-Rock), Bloom 8 x 5, Bush 2½ ft. Pleasing sulphur yellow described as a B-size California Idol, resembling it in color and form but with better proportioned stems. Won 2 A.H.A. Medals. Certified at Atlanta.

Root, \$2.50; Pot Root, \$2.00

COL. LITTLE (O Dom 85A), ML, Bloom 11 x 6, Bush 4 ft. Beautiful blend of flame-scarlet and orange scarlet with lemon yellow reverse which shows as laciniated petals curl and wave profusely. Very spectacular.

Plant, \$1.00

DAHLIAMUM (Che 85A), M, Bloom 10 x 7, Bush 5 ft.

A very large flower of a yellow buff and amber combination suffused with gold. Petals are twisted. A strong growing variety.

Root, \$1.00

GLAMOUR (Sal 85A), L, Bloom 11 x 7, Bush 5½ ft. An unusual color combination of purple veined violet rose. A tall, heavy grower, with stiff stems. Do not pinch out, just disbud, see drawing Z.

Root, \$1.00

KENTUCKY LADY (Dahl 85A), EM, Bloom 9 x 5, Bush 3 ft. A very lovely Persian rose with white tips and white at center. A color sport of Kentucky Sportsman. A real showy and satisfactory garden variety of good form. Very early and profuse with full-centered blooms to the end of the season.

Root, \$1.00

MADONNA (Sar-Rus 85A), L, Bloom 11 x 8, Bush 5 ft.

This beautiful white has had more than its share of winnings. Opens an Informal Decorative and develops into a Semi-Cactus when fully open. Fine size, stem, form and substance. Winner of 9 Achievement Medals.

Root, \$1.50

MARY ELIZABETH (Roberts 85A), M, Bloom 12 x 6, Bush 4½ ft. Bright cherry red. A strong winner in the largest bloom class. Vigorous grower. This dahlia is classified as a semi-cactus for show purposes. We disagree on type.

Root, \$1.00

MICHAEL BLACK (Phillips-Oak 85A), ML, Bloom 10 x 5, Bush 5 ft. Velvety Rhodamine purple that does not fade easily. Healthy, vigorous grower. Blooms naturally grow large on strong, erect stems.

Root \$1.00

MME. CHIANG KAI SHEK (Pitt-Dahl 85A), EM, Bloom 9 x 5, Bush 5½ ft. Color is lemon yellow, with a soft peach and mauve suffusion on the reverse and tips of wavy petals. Bush strong and stems erect.

Root, .75

MRS. K. C. LI (Lee-Par), 1959, Bloom 11 x 6, Bush 3½ ft.

Really spectacular for size, form and color. Saturn red blushed Indian yellow giving a general effect of peach. Petals turn and twist showing many petaloids. Strong stems.

Pot Root, \$4.50; Plant, \$3.00

OUR FRIEND (Pape-Roben 85A), M, Bloom 12 x 6, Bush 4½ ft. Combination of phlox purple and mauve named in honor of Mr. Charles F. Pape. Strong vigorous grower with many winnings to its credit. On Dudley's and Eddy's Honor Rolls and Webb's Eastern Review.

Root, \$2.00; Plant, \$1.00

SEQUOIA (Ballay 85A), M, Bloom 12 x 6, Bush 5 ft. Primrose yellow inclined Semi-Cactus. Most unusual in depth and full blooms with pointed petals. Desirable for exhibition both East and West Coasts.

Root, \$1.50; Pot Root, \$1.00

SILVER GLAMOUR (Gold 85A), L, Bloom 11 x 8, Bush 5 ft.

Striking orchid purple with a silver edging on each petal. Full high center with an occasional petaloid and long pointed petals. Good grower. Do not top, just disbud. See Drawing Z.

Root, \$1.00

SPECIAL AWARD (Robens 85A), M, Bloom 11 x 7, Bush 5 ft. Buttercup yellow with Indian orange or tangerine in center of flower and on reverse of petals. Will grow large naturally.

Plant, \$1.00

WHITE GLAMOUR (Hanna-Dahliad 85A), L, Bloom 11 x 8, Bush 5 ft. The massive blooms with long, pointed petals develop back to the stem. Centers are full and high. Do not top, just disbud.

Root, \$1.00

EXPLANATION OF KEY LETTERS

IN ORDER USED IN THE DESCRIPTIONS

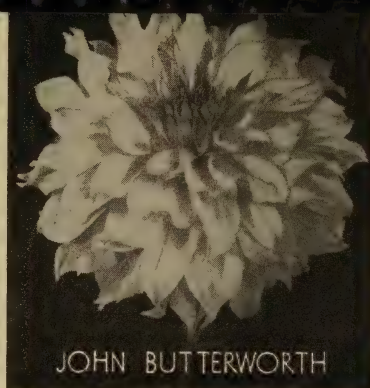
Originator and Introducer Explanation.....	page 10
Originator and Introducer Abbreviations....	" 7
Size Classification A B BB M.....	" 38
Blooming Time, E M L.....	" 15
Bloom size in inches	

Winter Care of Clumps

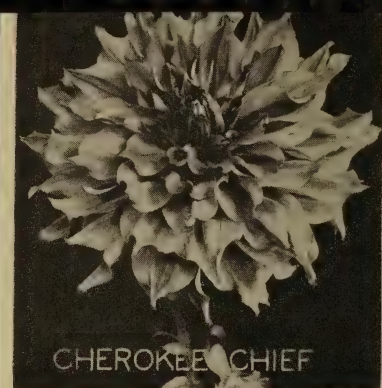
Look roots over early, especially where drought and adverse growing conditions prevailed. Trim broken necks and decayed portions. Then partially divide as recommended in Cultural Instructions. See "Digging and Storing Dahlia Clumps". This early handling will save considerable stock.



SALEM SUNSHINE



JOHN BUTTERWORTH



CHEROKEE CHIEF

INFORMAL DECORATIVE DAHLIAS—Cont'd

APPLE BLOSSOM PINK (Robens), 1958, Bloom 11 x 5, Bush 5 ft. White suffused and lined pastel mauve on outer petals. Strong vigorous grower and a good bloomer for such a large dahlia. Petals pointed, inclined SC. Winner of many awards. Plant, \$2.00

AUTUMN BLAZE (John 85A), EM, Bloom 12 x 6, Bush 5 ft. Early blooms are all Orient red with chrome yellow shadings on the tips, but later blooms show more of the suffusion. A prize winner and a strong, rugged grower. Root, \$1.50; Plant, \$1.00

CHARLES K. SHAW (Cry 85A), M, Bloom 10½ x 5, Bush 5 ft. Clear light primrose yellow. Large blooms with long wide petals. Bush healthy with fine stems. Root, .75

CHEROKEE CHIEF (Ricks-Dahl), 1959, E, Bloom 10 x 6, Bush 4 ft. A stunning addition to our Cherokee family. Fuchsia purple or spiraea red. Petals curl and twist showing a lighter reverse. Strong healthy grower. Responds to partial shade. Scored 85 in East Lansing and Atlanta Trials. Root, \$7.50; Pot Root, \$5.00; Plant, \$3.50

CHEROKEE MAIDEN (Ricks-Dahl 85B), EM, Bloom 8 x 6, Bush 3½ ft. Wonderful light mimosa yellow. High full centers and lovely type. A good upright grower with strong, erect stems and a consistent bloomer. Root, \$1.00

EVA STAMFORD (Str 85A), E, Bloom 11 x 5, Bush 4½ ft. Primrose yellow shading lighter and suffused rose pink. A very attractive light blend that has size, form and is a good root maker. Root, \$1.00

FOREST FIRE (Dahl 84A), ML, Bloom 10 x 6, Bush 4½ ft. Lemon yellow near center, blending to rich scarlet near the tips of petals. The combined colors suggested the name. Bushes stocky and strong. Root, .75

GIANT BEAUTY (Marlow-Lundgren-Rock 85A), 1957, M, Bloom 13 x 6, Bush 4½ ft. This giant dahlia caught our eye in San Francisco. Roseine purple veined lighter and darker with empire yellow at base of broad petals. Certified at three Trials, and a Derrill Hart Medal winner. Plant, \$2.50

JOHN BUTTERWORTH (Aust 85A), EM, Bloom 10 x 5, Bush 5 ft. A very pleasing light blend that we highly recommend. Camellia rose shading buff toward base of petals. Early and different. Root, \$1.00

JOHN W. SHERWOOD (Ber-Dahl 85A), M, Bloom 11 x 6, Bush 5 ft. Mallow purple enlivened with gold suffusion and slight gold tips. Blooms are of good form, artistic, with petals that curl and twist. Root, \$1.00

KEMP'S PURPLE TRIUMPH (Kemp 85A), EM, Bloom 12 x 5, Bush 5 ft. This is a pleasing rich violet purple. Rugged grower and good root maker. Certified at E. Lansing and on all 3 Honor Rolls. Root, \$1.00

MRS. HESTER A. PAPE (Rock 85A), M, Bloom 11 x 5, Bush 5 ft. Indian lake or ruby red. Responds to good culture and forcing. A winner in many shows. Easy to grow but needs partial shading to prevent fading. Root, \$1.00

PINK ELEPHANT (Giffin-Dahl 85A), EM, Bloom 12 x 7, Bush 3½ ft. Beautiful deep rose pink, blooms grow very large. A compact grower that blooms early enough to be safely pinched out once and side pruned to make a beautiful bush. Plant, \$1.00

PINK SOUTHERLAND (Aust 85B), M, Bloom 8 x 4, Bush 5 ft. Beautiful phlox pink with darker shadings. Reminds one of Jersey Beauty in growth and color except the long pointed petals curl and twist. Long stiff stem. Root, \$1.00

PIRATE TREASURE (Marsh-Rock 85A), E, Bloom 10 x 6, Bush 5 ft. Orange buff shading to Egyptian buff and suffused deep crimson. Long stiff stems. A vigorous grower. Won 10 Achievement Medals and on 4 Honor Rolls in 1950. Root, \$1.50

PREMIER'S WINSOME (Prem 85A), M, Bloom 11 x 6, Bush 5½ ft. Good form, substance and excellent plant growth. Greatly admired. Soft amaranth rose with lighter shadings. Certified at E. Lansing. Root, \$1.00

SALEM SUNSHINE (Sal 85A), EM, Bloom 12 x 8, Bush 4 ft. A fine large primrose yellow. Early, profuse and a vigorous grower. Flowers are held facing side to upward. A good root maker. An easy to grow large yellow. Root, \$1.00

TOKAY (Aust 85A), M, Bloom 9 x 4, Bush 3 ft. Beautiful orchid or cyclamen purple. Unusual pleasing form with pointed petals that curl and twist. Full centers throughout the season. A big B without disbudbing. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

TONY HAY (Aust 85A), EM, Bloom 10 x 4, Bush 3½ ft. Large garnet lake with pansy purple shadings. Improves with cool weather. Attractive with its dark green foliage. Root, \$1.00

TWILIGHT (Harter 84A), L, Bloom 10 x 4, Bush 5 ft. Outstanding in color as it is a true violet which makes it the nearest to blue of any dahlia we have grown. Centers full. Rugged, easy to grow. Root, \$1.00

WHITE POP HARRIS (Aust 85A), EM, Bloom 9 x 6, Bush 4½ ft. Lovely large white with a slight lavender suffusion at center early. Strong rugged grower, excellent stem and plenty of blooms. Root, \$1.00



LARRY HESLIN



CRYSTAL'S SURPRISE



WINIFRED STREDWICK

INFORMAL DECORATIVE DAHLIAS—Cont'd

AGLOW (Dahl 85A), L, Bloom 10 x 6, Bush 6 ft. A beautiful soft apricot heavily suffused scarlet on the center area of each petal, enhanced by a golden sheen. Open grower with long strong stems. Root, \$1.00

ARELDA LLOYD (Smith 85), M, Bloom 10 x 6, Bush 5½ ft. A clear lemon yellow faintly suffused rose. May be described as a yellow Jane Cowl as form and bush growth are almost identical. Root, .50

ARTHUR HAMBLEY (Aust 85A), M, Bloom 10 x 6, Bush 4 ft. Lovely bright Persian rose with slight gold tipping. Extra good grower all season. A winner on the show table. Root, \$3.50; Plant, \$1.25

CROYDON MASTERPIECE (Aust 86A), E, Bloom 11 x 5, Bush 4½ ft. Lovely majolica orange lightly suffused Jasper red. Early, profuse, with full centers. Excellent bloom and stem position. Very much in demand. Root, \$1.50

CRYSTAL'S SURPRISE (Cry 85B), M, Bloom 8 x 4, Bush 4½ ft. Egyptian buff flecked and spotted generously with currant red. A strong grower. Blooms hold good centers and keep well when cut. Root, \$1.00

DR. JOHN F. MORSE (Olsen-Rock 84A), ML, Bloom 11 x 6, Bush 4 ft. A heavy velvety textured dark reddish purple, more red than purple. Does not burn or fade easily. A strong grower. Root, \$1.00

GOLDEN PRINCE (Weiss 85A), E, Bloom 10 x 5, Bush 4 ft. A seedling of Jane Cowl, rich canary yellow blended peach giving a general effect of golden bronze. Bush strong and branches nicely. Root, .75

JANE COWL (Downs 85A), M, Bloom 10 x 6, Bush 5½ ft. A warm buff and old gold, blending to apricot and rose at the center. Bush growth is ideal with strong stems. Fine for cutting and exhibiting. Root, \$1.00

LARRY HESLIN (Forest D G 85A), E, Bloom 9 x 5, Bush 4 ft. Beautiful mimosa yellow flecked peony purple. A winner and welcome addition to the variegated class. Good grower and uniform blooms. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

MINNORA (Ber-Dahl 85A), EM, Bloom 10 x 6, Bush 5 ft. Spanish orange with Tyrian purple reverse. An unusual but pleasing color combination. Bush growth, stems and foliage ideal. Root, .75

NANCY C. SCHARHAG (Sun 85A), M, Bloom 9 x 4, Bush 5 ft. A true variegated dahlia, light mauve shaded violet rose and flecked Tyrian pink. A darker sport of Dixie's Wine Dot. Root, \$1.00

PERMANENT WAVE (Goetzer-N.C.D.S. 85A), E, Bloom 9 x 5, Bush 5 ft. Fuchsia purple and something new in formation. The petals are involute and ruffled leaving an open tip resembling a spoon chrysanthemum. Strong grower, insect resistant foliage. Root, \$1.00

PRINCE BEAUTIFUL (John-Dahl 85B), E, Bloom 8 x 5, Bush 3 ft. A sport of Golden Prince. Soft rose pink with distinct golden yellow stripes and markings. Fine stems and good centers. However, some revert to Golden Prince each year. Root, \$1.00

ROBERTA (Aust 85A), M, Bloom 10 x 4, Bush 3 ft. Mimosa yellow darker at center and with a slight delft rose suffusion. Most satisfactory. Root, \$1.00

ROYAL JESTER (Rock 85A), EM, Bloom 10 x 5, Bush 4 ft. Indian lake with royal purple shadings. Rugged grower with dark foliage and stems. Classified Dark Red but Purple for us. Root, \$2.50; Plant, \$1.25

SILVER LADY (Hill 85A), EM, Bloom 10 x 6, Bush 5 ft. A most exquisite and lovely dahlia of ivory white delicately flushed and edged amaranth rose. Rugged bush, vigorous foliage, strong stems. Root, \$1.50

TARTAN (NZ 85B), M, Bloom 7 x 4, Bush 5 ft. Oxblood red with center of each petal and tips white. An exceptional bi-color. Good grower with strong stems. Root, \$1.50

TERRIFIC (Robens), 1958, Bloom 9 x 4, Bush 5 ft. Large bi-color purple with white tips. Good vigorous grower. Winner of many medals wherever exhibited, and on Webb's Review. Root, \$4.00; Pot Root, \$3.00; Plant, \$2.00

THE VOLUNTEER (Whittacker-Rus 85A), M, Bloom 11 x 7, Bush 4 ft. Deep Tyrian or Dianthus purple with lighter tips. Vigorous grower and prolific bloomer. Won the Derrill W. Hart Gold Medal and many other awards. Root, \$1.50

WANDA MEADE (Blamer-Par 85B), M, Bloom 6 x 4, Bush 4 ft. A very striking and attractive bi-color, scarlet red evenly tipped white. A good keeper and nice for cutting. Consistently bi-color. Root, \$1.00

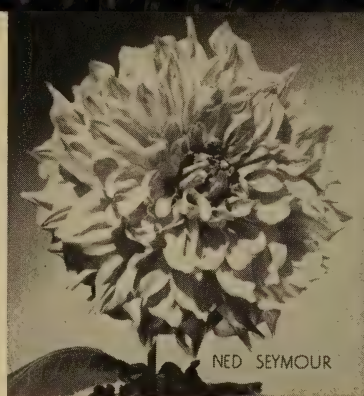
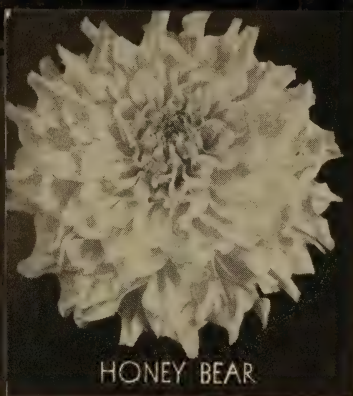
WINDLASSIE (Rock 86B), EM, Bloom 8 x 6, Bush 5 ft. A real white. As the blooms develop the petals roll back forming a ball shaped flower. Early and profuse. Winner of many prizes. A worthwhile variety. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

WINIFRED STREDWICK (Str-En 86A), E, Bloom 11 x 5, Bush 3 ft. A pure white with quality plus. One of our best all round whites. It took the heat and bloomed right through with perfect centers and did not burn. Root, \$1.50; Plant, \$1.00

NOTICE

E M L Blooming Time Designations

See page 38 for explanation.



INFORMAL DECORATIVE DAHLIAS—Cont'd

AUSSIE SNOWBALL (Aust 86A), M, Bloom 9 x 5, Bush 3 ft. One of our best whites for exhibition and garden. Classified Informal but really Formal. Clean, robust healthy grower. Good substance that shows little damage from either heat or rain.

Root, \$1.50; Pot Root, \$1.00

CHEROKEE BEAUTY (Ricks-Dahl 85A), M, Bloom 10 x 6, Bush 3½ ft. Outstanding and pleasing begonia pink. Clearer and more intense pink than Kelvin. Has distinctive foliage and is a wonderful propagator. Naturally a vigorous grower and does best in regular garden culture. Side pruning gives good stems on first flowers and lateral blooms will take care of themselves.

Root, \$1.50

HONEY BEAR (Dahl 86A), M, Bloom 11 x 5½, Bush 4 ft. Truly luscious and a distinctive saffron yellow with orange shadings darkening at center. Produces robust bushes in ordinary garden culture. Really wonderful for size and quality of bloom, keeping many days. Certified California Trials, on 2 Honor Rolls and Webb's Review.

Root, \$2.50; Pot Root, \$2.00; Plant, \$1.25

KELVIN (Aust 86A), M, Bloom 11 x 6, Bush 4 ft. This fine massive dahlia is a Tyrian pink with reverse of petals phlox pink with a golden suffusion throughout. A real winner in the largest bloom class. A stocky bush with large foliage and heavy stems. Very popular.

Root, \$1.00

KEMP'S RADIANT BEAUTY (Kemp 85A), M, Bloom 10 x 6, Bush 5 ft. A very pretty and useful variegated dahlia of lemon yellow splashed scarlet. Stems strong and erect, healthy foliage.

Root, \$1.50; Pot Root, \$1.25; Plant, \$1.00

MRS. GEORGE LE BOUTILLIER (Smith-Rus 84A), M, Bloom 11 x 5, Bush 5 ft. This beautiful carmine red dahlia grows very large naturally and is very popular. Runs open centered in adverse weather conditions. Root, .75

MRS. H. V. COOPER (Aust 85A), M, Bloom 10 x 5, Bush 4½ ft. Bright cherry red. Large blooms have lots of substance. Still good late in season and very popular.

Plant, \$1.50

NEAREST BLUE (Str 85A), M, Bloom 10 x 4, Bush 4 ft. Phlox purple or mauve. Definitely in the lavender class. It has size, wonderful form and strong stems. Very fine for exhibiting.

Root, \$1.00

NED SEYMOUR (Johnson 85A), Bloom 12 x 7, Bush 4½ ft. This dahlia will vary from orange red to a red orange as the season advances. Surely outstanding in size. Won 10 Achievement Medals, and 9 A.D.S. Seedling Sweepstakes Awards.

Root, \$3.00; Pot Root, \$2.25; Plant, \$1.50

NEW TITAN (Aust 86A), M, Bloom 11 x 6, Bush 5 ft. True mauve with darker shadings. Pointed petals and not quite regular enough in form to classify as a Formal. Outstanding here.

Plant, \$1.50

OGDEN REID (Kelly-Par 85A), M, Bloom 12 x 5, Bush 5 ft. A real exhibition dahlia of bright rose with gold shadings. A dahlia that naturally grows big producing exhibition blooms with very little special attention.

Root, \$1.00

RUBY HAY (Aust 85A), E, Bloom 10 x 4, Bush 3 ft. Inclined Formal in type. Varies from currant red with cardinal shadings to Tyrian purple with Indian lake shadings according to growing conditions. Good grower and well recommended.

Root, \$2.00; Plant, \$1.00

RUFFLED GIANT (Compton 85A), M, Bloom 10 x 5, Bush 4 ft. Fine bright scarlet with straw yellow on ends of petals that curl and twist. Deep full centers and performs exceptionally well. A most profuse bloomer.

Plant, \$1.00

SATAN'S DISCIPLE (Rainbow 85A), L, Bloom 11 x 5, Bush 5 ft. A brilliant and attractive crimson red. Profuse bloomer that needs no coddling and naturally grows big. Strong stems.

Root, \$1.00

SELENE (Aust 86A), M, Bloom 9-10 x 5, Bush 5 ft. Beautiful light phlox purple or deep mauve blended lighter. Fine form and strong grower. This unusual dahlia won 3 championships in Australia and one we highly recommend.

Root, \$1.00

THE MASTER (Aust 85A), M, Bloom 10 x 5, Bush 4 ft. A fine autumn combination of apricot shaded carrot red and buff. Sturdy grower with long strong stems. Many winnings to its credit.

Root, \$1.50; Pot Root, \$1.00

THE STANDARD (Aust 85A), M, Bloom 10 x 4, Bush 4 ft. Most promising primrose yellow with broad pointed petals that did well here. Fine stems. A truly good dahlia.

Root, \$1.50

TIDAL WAVE (Quinn's-Aust 85A), ML, Bloom 11 x 6, Bush 4 ft. A deep yellow exhibition dahlia. Won many prizes in Australia and very popular here in the U. S. A. It has size, stem and is impressive.

Root, \$1.50

TITAN (Aust 85A), M, Bloom 10 x 5, Bush 4 ft. An unusual roseine purple. Deep well formed blooms on fine stems. Healthy and good all season.

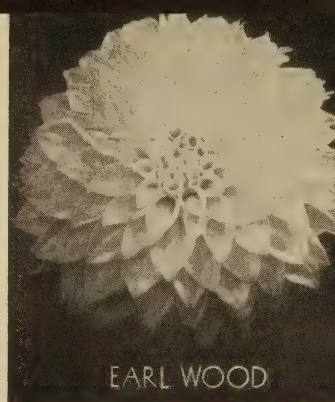
Root, .75



OLD GLORY



CALIENTE



EARL WOOD

FORMAL DECORATIVE DAHLIAS

ABE LINCOLN (Blue Ribbon 85B), M, Bloom 7 x 4, Bush 4 ft. Oxblood or chrysanthemum crimson with a velvety sheen. Petals wide and serrated with a lot of substance. Really different. **Root, \$1.00**

BETTY WOODRUFF (Aust 85A), M, Bloom 12 x 6, Bush 3½ ft. A pastel blend of pink with soft yellow center. Good form with pointed wavy petals. Disbudding brings it out of the bush. One for the largest bloom in the show. **Plant, \$1.75**

CALIENTE (Gaylord-Dahl 85B), 1958, L, Bloom 8 x 5, Bush 5 ft. Lovely variegated. Yellow splashed and striped red. Full centered blooms on fine stems. Strong, rugged grower. Desirable where there is a long growing season. Certified at Georgia and Long Island. **Root, \$2.00; Pot Root, \$1.50**

CARMEL COLE (Aust 85B), M, Bloom 8 x 3½, Bush 3½ ft. Lovely blend of white tipped rose purple or mauve. Rugged and prolific and one we recommend. **Plant, \$2.00**

CERAMIC BEAUTY (Ecc-Rock 84A), M, Bloom 10 x 6, Bush 3½ ft. Chrysanthemum crimson shaded Tyrian purple. Profuse, good keeper, and fine for the large bloom class. Certified at 2 Trial Grounds. **Root, \$2.00; Plant, \$1.00**

COVER GIRL (Hulin-Par 84B), M, Bloom 8 x 4, Bush 4 ft. Attractive bi-color of mauve with white tips. Good stems. Really different. **Root, \$1.00**

DRESDEN CHINA (Aust 85A), M, Bloom 10 x 4½, Bush 4 ft. A lovely light blend. Rhodamine pink stripes and flecks on a creamy white base. A pleasing pastel combination. Good form with full centers. **Root, \$1.50**

EARL WOOD (Aust 85A), E, Bloom 10 x 5, Bush 3 ft. Deep primrose yellow with golden sheen. Pleasing form with pointed petals. Excellent all season. One of the most outstanding yellows to date. **Root, \$1.50; Pot Root, \$1.00**

FIRST LADY (Com 85B), M, Bloom 7 x 5, Bush 3½ ft. Pleasing primrose yellow. Unusual form with pointed petals recurving to stem. A good exhibition variety. **Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00**

GLORIA (Aust 85A), M, Bloom 10 x 5, Bush 3 ft. Mauve shaded cobalt violet. Wonderful grower. Beautiful blooms with pointed petals. Truly massive and attractive. **Root, \$1.00**

HELEN WEST (Aust 85A), M, Bloom 10 x 6, Bush 4 ft. Dawn pink to neyron rose with a little buff suffusion. Reminds one of Kelvin in color and general characteristics but has pointed petals. **Plant, \$2.25**

JOHN CURTIN (Aust 85A), M, Bloom 10 x 5, Bush 4 ft. A very evenly formed massive pure white. Healthy, compact growth and fine for exhibition. **Plant, \$1.00**

JUDITH ANDERSON (Anderson 85A), E, Bloom 10 x 5, Bush 3 ft. Most outstanding dark blend of deep purple edged white with a light reverse. Real pointed petals. A real winner in its class. **Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00**

JULIA KEECH (Aust 84A), EM, Bloom 10 x 4, Bush 4 ft. Most unusual in color. Chrysanthemum crimson with the pointed petals edged Egyptian buff. Rugged, healthy grower. Different. **Root, \$1.00**

JUNE (Aust 85B), EM, Bloom 8-9 x 4, Bush 5 ft. Lovely China rose with a golden sheen. Full of lovely perfectly formed blooms from early to frost. Strong stiff stems. **Root, \$1.00**

LEW (Aust 85A), E, Bloom 9 x 4, Bush 5 ft. An even tone Persian rose to mallow purple definitely in the lavender class. Attractive, uniform blooms and a good grower. **Plant, \$3.00**

OLD GLORY (Pitt-Dahl 85B), E, Bloom 7-8 x 4, Bush 4 ft. A most consistent bi-color. Bright signal red evenly tipped white. Produces wonderful blooms very early and throughout the season. Striking in the garden and sure to please. **Root, \$1.50; Pot Root, \$1.25; Plant, \$1.00**

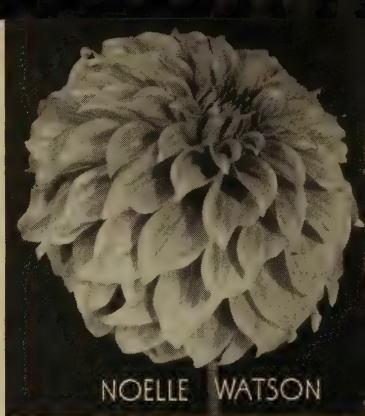
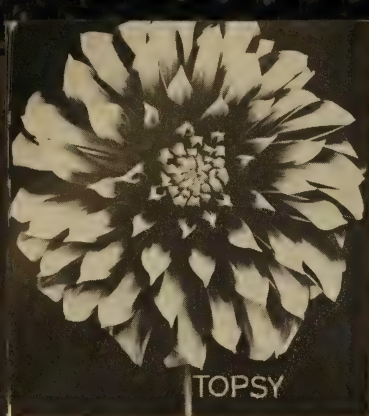
THELMA DAVIDSON (Aust 85A), EM, Bloom 11 x 6, Bush 5 ft. Impressive white with just a blush of amaranth rose as it opens. Massive size and excellent keeping qualities. A real winner in its class. **Plant, \$1.50**

THOMAS A. EDISON (Dahl 85B), ML, Bloom 8 x 4½, Bush 4 ft. Impressive blooms of staghorn petal formation. Royal purple or petunia violet. Stems and bush grow strong. Grows slowly and appreciates extra culture and fertilization. Many awards. **Root, \$1.00**

TIARA (Brown 85A), E, Bloom 10 x 6, Bush 5 ft. Another seedling of Kirsten Flagstad in glistening peach to orange tipped white. A stunning bi-color. Easy to grow and most satisfactory. **Root, \$1.50**

WOOMERA (Aust 85A), M, Bloom 10 x 5, Bush 5 ft. Pleasing blend of empire yellow distinctly dipped and edged mauve to Persian rose. Good substance and form with round petals. Fine for exhibition. **Plant, \$4.00**

Varieties on this as well as other pages in this catalog are the same general form as illustrations.



FORMAL DECORATIVE DAHLIAS—Cont'd

BURNBRAE MEMORIES (Aust 85A), ML, Bloom 10 x 6, Bush 3 ft. Lovely light primrose yellow. A very popular exhibition variety. Plant, \$1.00

DEBUT (Brown 85A), ML, Bloom 11 x 7, Bush 4½ ft. Stunning light primrose with exceptionally large petals and blooms. Healthy, vigorous with large foliage and bushes. Perfect centers. Root, \$1.00

DON QUIXOTE (Aust 85B), EM, Bloom 8 x 4, Bush 2½ ft. Jasper red to geranium lake tipped white. Petals fully reflex making this bi-color quite outstanding. Good grower and sure to please. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

ELAINE BUTLER (Aust 85A), E, Bloom 10 x 6, Bush 4 ft. Unusual and appealing. Color rich dawn pink with darker shadings and deeper edging. Fine grower, early and most satisfactory. Root, \$1.00

ELLIE MAY (Aust 86B), E, Bloom 8-9 x 5, Bush 3½ ft. One we highly recommend. Rose opal with golden apricot suffusion on edges of petals as season advances. Even form with pointed petals. Early and profuse. Good rugged grower. Root, \$2.50; Pot Root, \$2.00; Plant, \$1.25

EMMA CAROLINE (Prem 85A), M, Bloom 10 x 7, Bush 3 ft. Lovely white that just naturally grows large. A rugged, healthy grower. Nice compact bush with good stems and glossy green foliage. Good substance and an excellent keeper. Root, \$1.00

FAY (Aust 85A), E, Bloom 10 x 4, Bush 3 ft. Beautiful deep amaranth rose. Rugged, healthy grower. Good substance and a worthy addition. Root, \$1.00

JEANETTE (Lombard 84A), M, Bloom 10 x 5, Bush 5 ft. A popular bi-color of pansy purple neatly tipped white. Naturally grows large. Rugged growth. A good root maker. Root, .75

JERSEY BEAUTY (Waite 85B), E, Bloom 6 x 4, Bush 6½ ft. This beautiful pink has been the most universally grown dahlia. Is still "the" commercial pink. Perfect form, long stems, excellent keeper and profuse. Root, .75

KIDD'S CLIMAX (Aust 85A), E, Bloom 10 x 6, Bush 4 ft. A very pretty and pleasing blend of yellow shaded and suffused mauve with lighter shadings. Lots of substance and good qualities. Root, \$1.00

KING DAVID (Corbett-Dahl 85A), M, Bloom 9 x 5, Bush 4½ ft. Beautiful rich Dianthus or petunia purple. Continues blooming throughout the season. Flowers are of good substance, deep, well-formed, and do not fade. Root, \$1.00

KIRSTEN FLAGSTAD (Brown-Rock 84A), E, Bloom 11 x 6, Bush 5 ft. A chrome yellow with carmine rose suffusion and on reverse of petals. Early and prolific. The first bloom in your garden. Root, .75

KISMET (Aust 85B), E, Bloom 6½ x 4, Bush 5 ft. Porcelain rose early, coral pink shaded Empire rose as season advances. Strong rugged Jersey Beauty growth and form. A winner. Root, \$2.50; Pot Root, \$2.00; Plant, \$1.25

NOELLE WATSON (Aust 85A), M, Bloom 10 x 5, Bush 3 ft. Camellia rose shading darker on the edge of petals with buff and old gold shadings in center of bloom. Very striking and unusual. Root, \$1.00

PURPLE MIST (Em-Rus 84A), M, Bloom 10 x 5½, Bush 5 ft. Peony purple. Strong, sturdy stems. Bush extremely rugged. Foliage dark green. Root, \$1.00

REES VELVET (Rees 85B), M, Bloom 8 x 5, Bush 3 ft. Garnet lake one of the darkest reds, inclined semi-cactus. Really strong grower, good substance. Root, \$1.00

RON SPURWAY (Aust 85B), ML, Bloom 7 x 3, Bush 3½ ft. Beautiful Orient red. Petals somewhat pointed but very evenly formed. A good grower with dark foliage. One of the best. Root, \$1.00

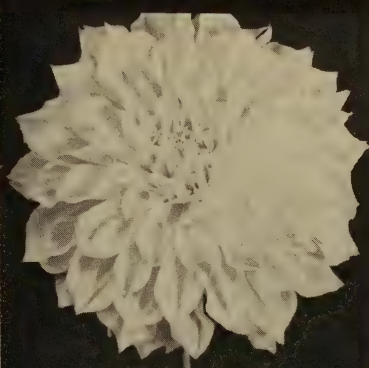
THE MARQUIS (Aust 85A), M, Bloom 10 x 4, Bush 4 ft. A striking dark blend of chrysanthemum crimson with the lighter reverse showing on the tips. Does well in all climates. A winner and highly recommended. Root, \$1.50; Pot Root, \$1.00

TOPSY (Aust 86B), EE, Bloom 7 x 4, Bush 3½ ft. Striking bi-color of bright currant red and white. Pointed petals are fully reflex. Profuse blooms are consistently bi-color. One of the most popular. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

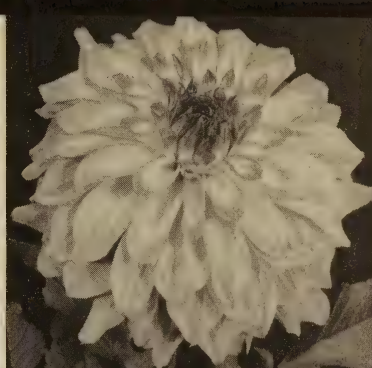
VERONA (Aust 85A), ML, Bloom 9 x 4, Bush 4½ ft. Beautiful pale lavender overlaid deep mauve and shading lighter at center. Good strong grower. Keeps well cut. A variety we recommend. Root, \$1.50; Pot Root, \$1.00

WHITE WINNER (Wolfe 85B) EM, Bloom 8 x 4, Bush 4½ ft. A white with more petal substance than any other white we grow. Early and profuse, does not burn, and is most satisfactory for cutting. Long erect stems. Root, .75

Varieties on this as well as other pages in this catalog are the same general form as illustrations.



ESTHER BLANCHE



GEORGE WILSON



CHAS. GARRITY

FORMAL DECORATIVE DAHLIAS—Cont'd

BRIDE'S BOUQUET (Bak-Rus 85A), M, Bloom 9 x 6, Bush 5½ ft. A worthy prize winner of pure white. Nice form, and long straight stems. Popular and very satisfactory. **Root, \$1.00**

CHARLES GARRITY (Harter-Dahl 86A), 1959, M, Bloom 9 x 4½, Bush 3½ ft. Surely different and an outstanding variegated pastel mauve suffused mauve, striped and flecked chrysanthemum crimson. Beautiful all season. Very full centers and excellent bush growth. Already prominent in the big Eastern Shows. **Root, \$6.00; Pot Root, \$4.50; Plant, \$3.00**

DEEP VELVET (Bak-Rus 85B), ML, Bloom 8 x 5, Bush 4½ ft. Oxblood red with pansy purple shadings. Long stems and a rugged grower. An old favorite. **Root, \$1.00**

DON JOSE (Aust 85A), EM, Bloom 10 x 6, Bush 3 ft. Cadmium orange suffused Mars orange. Good substance and good growing habits. In great demand for exhibition with little competition in its class. **Plant, \$1.00**

DUET (Scott-Rock 85B), M, Bloom 8 x 4, Bush 3½ ft. Outstanding chrysanthemum crimson with white tips. Healthy dark foliage. More uniform than most bi-colors and extra good. **Root, \$1.50; Plant, \$1.00**

ESTHER BLANCHE (Baynes-Rock 85A), 1959, M, Bloom 11 x 6, Bush 4 ft. Wonderful white with excellent substance. Strong, rugged growth with straight stems and heavy foliage. Fine for cutting and outstanding in the Trial Grounds where it certified for us in Oakland, Calif. in 1956 and also certified for us in East Lansing in 1957. **Root, \$5.00; Plant, \$2.25**

GEORGE WILSON (Aust 85A), ML, Bloom 10 x 4, Bush 3½ ft. A very attractive clear light phlox purple or mauve with lighter shadings. Fine form and size. Side pruning will improve the stems on first blooms. A show winner. **Root, \$1.00**

JUDITH (Aust 85A), L, Bloom 11 x 5½, Bush 4 ft. Mimosa yellow in a lovely form with pointed petals coming back to stem. Popular on the exhibition table. **Root, \$2.00; Plant, \$1.00**

KNIGHT'S WHITE (Aust 85A), E, Bloom 10 x 4, Bush 5 ft. Another excellent exhibition white Formal. Wonderful grower, lots of substance that does not burn and highly recommended. **Plant, \$2.25**

LADY ISABELLE (Aust 85B), M, Bloom 7 x 5, Bush 3½ ft. White with just a pink flush in center as it opens. Deep blooms come back to the stem. Quite unusual and very satisfactory. **Root, \$2.00; Plant, \$1.00**

MARY BLACK (Aust 85A), M, Bloom 11 x 6, Bush 4 ft. A light primrose yellow with lovely long pointed petals. Healthy compact grower. Beautiful in the garden and for exhibition. Side bud for early blooms. **Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00**

MCDONALD QUILL (Aust 85A), M, Bloom 9 x 5, Bush 3½ ft. An outstanding bi-color of deep cardinal with heavy white tips. Some blooms just cardinal. The pointed petals do not twist but fall to the back making a deep flower. **Root, \$1.00**

MRS. ERIC HALFORD (Aust 85B), M, Bloom 7 x 4, Bush 3½ ft. A favorite bi-color of intense cardinal uniformly tipped white. Sometimes inclined I.D. We haven't seen a solid color bloom. Good rugged grower, with attractive foliage. **Root, \$1.00**

NARRABRI (Aust 85A), M, Bloom 10 x 4, Bush 4 ft. Beautiful primrose yellow of pleasing form and good size. Excellent stems. Plenty of substances and keeps well for cutting or exhibiting. **Root, \$1.00; Pot Root, .75**

OTTO'S THRILL (Aumuller-Rus 85A), E, Bloom 11 x 4, Bush 3 ft. Light Camellia rose with delicate tips and edges of canary yellow and a real prize winner. Rugged grower. **Root, \$1.50; Pot Root, \$1.00**

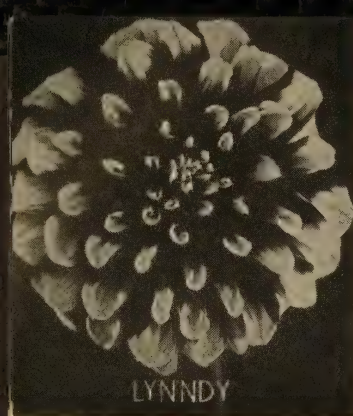
PRAIRIE SUN (Marsh-Rock 85A), EM, Bloom 10 x 6, Bush 5 ft. This primrose yellow is a true Formal for exhibition and has had a long run of popularity. **Root, \$1.50**

PRIDE OF ROSEMONT (Aust 85A), M, Bloom 10 x 4, Bush 5 ft. Lovely China rose that is quite different and unusual. Good form and growth. Worthy of your trial. **Plant, \$2.25**

SIR NAGEL (Aust 84B), M, Bloom 8 x 4, Bush 4 ft. A uniform bi-color of cyclamen purple with white tips. Upright grower. Quite different in this class. **Root, \$1.00**

VARIETY GIRL (Holl 84B), L, Bloom 8 x 4, Bush 5 ft. Indian yellow with orange shadings and tipped white. Many blooms without white tips. Fine upright grower. Good keeper and prolific. **Root, \$1.00**

VERA SEYFANG (Baynes-Rock 86A), 1958, EM, Bloom 11 x 6, Bush 3 ft. Amaranth rose with a neat array of petaloids of the same color. Quite distinctive. Strong, robust grower. Certified at all 5 Official Trials, and on Webb's Review and we highly recommend. **Root, \$6.00; Pot Root, \$4.50; Plant, \$2.50**



LYNN DY



MRS. McCARTNEY



POLLY BERGEN

FORMAL DECORATIVE DAHLIAS—Cont'd

ARTHUR GODFREY (Pitt-Dahl 86A), E, Bloom 12 x 6, Bush 4 ft. The most successful winner in the Flame Class all over this country. A beautiful Orient red with orange or buff shadings. Certified at 2 Trial Grounds. Grows 11 x 6 not disbudded. Wonderful vitality, rugged foliage, always in bloom. Root, \$1.50

BARBAROSA (Car 85B), EM, Bloom 7 x 5, Bush 4 ft. Bright scarlet. Full centers, strong stems, and a good keeper for cutting or exhibiting. Root, \$2.00

BIG SISTER (Aust 86A), M, Bloom 9 x 4½, Bush 4 ft. Primrose suffused soft amaranth rose and shading lighter. Wide petals with petaloid formation. Stocky bush growth and heavy foliage. Most satisfactory. Root, \$2.50; Pot Root, \$2.00; Plant, \$1.25

BLUE RIVER (Sal 85A), M, Bloom 9 x 3, Bush 4 ft. Soft phlox purple or bluish mauve. Fine bush and strong foliage. Distinctive in color and popular. Has won many prizes. Root, .75

CATHONE (Aust 85B), EM, Bloom 7 x 3½, Bush 3 ft. Bright amaranth rose shaded silver with pointed petals. Good grower and bloomer with excellent substance. Root, \$1.00

DAILY'S GOLD (Daily-Dahl 85B), E, Bloom 8 x 4, Bush 4½ ft. Lively empire yellow heavily suffused saffron yellow. Wonderful grower, perfect stems and bloom position. Very profuse and early. Root, \$1.00

D-DAY (Dix 85B), EM, Bloom 7 x 4, Bush 4½ ft. A very pretty one-tone bright rose or rhodamine pink. Has cane-like stems, is prolific and fine for cutting and florists' use. Root, .50

EILEEN LUCY (Aust 85A), L, Bloom 12 x 6, Bush 3½ ft. One for the largest bloom in the show. Bright Mandarin red with long strong stems. Healthy grower, fine for exhibition. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

FIVE STAR GENERAL (Ramage-Rus 85A), EM, Bloom 10 x 7, Bush 5 ft. A most pleasing blend of light amaranth pink edged and shaded soft canary yellow. One of the very best and largest blends for exhibition. Consistent bloomer. Derrill Hart Medal Winner certifying at 3 Trial Grounds. Root, \$1.00

GOLDEN TREASURE (LaM-Rock 85B), M, Bloom 7½ x 5, Bush 4 ft. Barium yellow lightly suffused at center with nasturtium orange. Good substance, profuse and long strong stems. Excellent cut flower. Root, .75

LINK'S BLUE TRIUMPH (Link-Prem 85A), M, Bloom 10 x 4½, Bush 4 ft. A seedling of Blue River, somewhat larger. Color mauve with phlox purple veinings. Good stiff stems and insect-resistant foliage. Root, .75

LYNN DY (Dahl 85B), 1958, E, Bloom 8 x 5, Bush 3½ ft. Mr. Lynn Dudley has sponsored bi-color dahlias for years which prompted this nickname. Rich ruby red or pansy purple distinctly and evenly tipped white. Blooms very deep and full with petals coming back to the stem. Our most striking and consistent bi-color especially as it is one of the first to bloom. Root, \$3.00; Pot Root, \$2.25; Plant, \$1.50

MRS. McCARTNEY (Aust 85B), M, Bloom 8-9 x 4, Bush 3½ ft. Orchid or cyclamen purple. Strong grower holds blooms well above foliage on long straight stems. Good for exhibition. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

MUFFIE (Aust 85B), M, Bloom 8 x 4½, Bush 3 ft. Light primrose shading lighter. Very full with well-rounded petals. Side pruning will produce good stems on early blooms. Plant, \$2.00

PAISLEY GEM (Campbell-Par 85B), ML, Bloom 7½ x 4, Bush 3 ft. White with lines and flecks of lilac purple and darker phlox purple. Fine form, very deep with many petals. Most pleasing variegated. Root, \$1.00

POLLY BERGEN (Dahl 86A), EM, Bloom 10 x 5, Bush 4½ ft. This lovely dahlia named for Polly Bergen performs wonderfully well. Lively Tyrian pink with slight gold tips. Blooms are always uniform on strong stems. Vigorous grower. Fine for cutting and exhibiting. Holds perfect centers. Certified at East Lansing. Root, \$7.50; Pot Root, \$5.00; Plant, \$2.50

RAY O'SULLIVAN (Aust 85A), EM, Bloom 10 x 6, Bush 3½ ft. Most appealing begonia pink of enormous size. Good healthy grower. Side prune for early blooms. Responds to good culture. Root, \$1.50; Pot Root, \$1.00

SARAH CAROLYN (Whittaker-Rus 85A), M, Bloom 9 x 5, Bush 4½ ft. Clear amaranth rose. Almost ball-shaped. A dahlia we like very much and fine for exhibition. Root, \$1.00

SHOW BOAT (Ballay 85A), 1957, L, Bloom 9 x 5, Bush 3 ft. An outstandingly beautiful white Formal with remarkable substance. Needs to be side pruned to get it out of the bush but has fine stems when properly handled. An exhibition favorite. Root, \$2.50; Plant, \$1.25

THE GOVERNOR (Ber-Dahl 85A), E, Bloom 11 x 6, Bush 5½ ft. Bright sulphur yellow. Excellent form, with long broad petals going back to stem. Long strong erect stems hold flowers in perfect position. Blooms profusely. Root, \$1.00

UCHUU (Yoshida-Par 85A), M, Bloom 11 x 5, Bush 5 ft. Massive and impressive rose red seedling of Mrs. Hester A. Pape. Blooms facing. Certified at Long Island. A top winner in its class and prominent in the shows. Root, \$4.00; Pot Root, \$3.00; Plant, \$2.00



DAHLIADEL CULTURAL INSTRUCTIONS

by Warren W. Maytrott



CULTURAL INSTRUCTIONS

The following Cultural Instructions are based upon years of experience and should be of value in solving many of your cultural problems. These suggestions should be changed to suit local conditions. However, we sincerely believe that the fundamental principles involved will apply throughout the country.

"**POTASH-FED DAHLIAS**" is an established trade name, and a modern and successful method of growing dahlias so that they are literally alive with energy, assuring you of cultural success. In South Jersey, with its long growing season, well-ripened stock can be produced that will give the best possible results. We have found that dahlias grown in lighter soils will do wonderfully well when moved to heavier soil conditions with no time lost for acclimation.

Most important after all is the health of stock from which your plants, pot roots or roots were grown. This condition has its direct effect on the results obtained; for an unhealthy plant cannot take up **potash**, or any other element of plant food, in sufficient quantities while in this condition. Hence, a dahlia must be healthy before it can be **Potash-Fed**. You must have the best stock that can be produced to have 100% success. Buying inferior stock at low cost is not an economical way to buy and seldom is the way to success.

SOIL PREPARATION

The dahlia will grow and produce excellent results in a wide range of soils, other conditions being favorable. It is not so much a matter of soil type as it is conditioning. To grow exhibition blooms to perfection, the nearer soil can be to ideal the better your results will be. Soil should contain enough clay to keep the fertility from leaching and also enough sand or stones to facilitate drainage. Fifty to sixty-five percent sand is considered ideal.

DRAINAGE. The primary factor in growing dahlias is that of drainage, which in sandy soils is well taken care of, but in heavy soils it is advantageous to dig in and thoroughly mix a quantity of coarse coal ashes with the subsoil. Then coarse manure, straw or litter should be mixed into the top-soil. The addition of a good quantity of coarse sand will help drainage and aeration wonderfully in compact or clayey soil.

For soggy soil we might suggest ditching 18 or more inches deep where the row is to be planted, running the ditch with the slope if possible. Fill in with coarse ashes, clinkers or any coarse material that will not rot, keeping it below spading depth, then fill in top with soil mixed with sand or the part of hard coal ashes about the size of corn or a little larger.

LIMING. As a rule, the dahlia does well in a neutral to slightly acid soil. Liming not only neutralizes acid, but makes the natural humus in the soil available as well as loosening heavy soil. Should your soil be inclined to acid, ground limestone applied at the rate of 3 to 5 lbs. to each 100 square feet is a safe practice on medium to heavy soil every 3 or 4 years. However, a pH test is advisable.

Where winters are severe, sow rye or rye grass in late September or October. The green crop will do no harm during the late blooming season, will winter over, and should be turned under about two weeks before planting. In New Jersey and further south, rye or rye

grass can be sowed after digging roots. A cover crop will add organic matter, supply humus and further adjust soil conditions. **Fall fertilizing.** If soil is on the poor side a top dressing of fresh or composted cow, stable or even chicken manure used sparingly after digging roots in the fall or early winter will certainly improve growth the following year. Add to above top dressing 4 lbs. Super Phosphate.

1 lb. Muriate or Sulphate of potash for each 100 square feet. Work the top-soil over enough to keep the manure and chemicals from being washed away should no cover crop have been planted before.

A good time to work or spade over the soil, when no cover crop was planted, is about a month before planting, digging rather deep and thoroughly breaking up all lumps. Then rake the ground over about once a week to retain moisture.

FERTILIZER

Of the ten elements considered absolutely necessary to plant growth, we find nitrogen, phosphorus and potassium the prime essentials and the ones usually most lacking. However, deficiencies in some of the minor elements may upset your plant growth materially.

NITROGEN stimulates growth above ground, producing large bushes with dark green foliage and large flowers, while lack of sufficient nitrogen will produce a poor general growth. Excessive use of nitrogen from any source, especially without the balancing of phosphorus and potash, will produce large soft bushes and blooms with weak stems and a very poor root crop to keep over winter. The common source of nitrogen is humus (decomposed vegetable matter or manure). It can be supplied in dry or fresh cow or sheep manure, bone meal, dried blood or fish scrap, or in commercial fertilizers.

PHOSPHORUS is very essential in plant growth as it strengthens the plant in general, stiffens the stems and adds substance to the foliage and blooms. It increases root development, especially the lateral and fibrous roots, and aids in ripening the roots. Phosphorus along with potash helps overcome ill effects of excessive nitrogen. The common sources are super-phosphate and bone meal.

POTASH is the balancing agent for nitrogen and phosphorus. It gives color to the flowers and foliage, and vigor and tone to the plant in general. It is an essential in starch formation and aids in the maturing of well-nourished roots. This is found in wood ashes, **muriate** or **sulphate of potash**.

SPRING FERTILIZING. When super-phosphate, potash and manure are used as a top dresser as recommended under Fall Fertilizing no further fertilizing is necessary until after planting.

With no fall soil preparation on reasonably poor soil an application of rotted manure or compost or even dry cow or sheep manure should prove advantageous. In addition to this apply broadcast before spading, 4 lbs. super-phosphate or 5 lbs. bone meal along with 1 lb. muriate or sulphate of potash or recommended substitutes to each 100 square feet. The above should be completed 2 or more weeks ahead of planting.

SUMMER FERTILIZER OR TOP DRESSING to be applied between July 15 and August 1st. Scatter evenly around the plant, not nearer than 8 inches or more than 18



inches from the stalk, a good general crop or potato fertilizer analyzing

5-10-10 for the average light soil or

5-10-5 for heavy soil naturally good in potash at the rate of $\frac{1}{4}$ lb. per hill, or you can make your own top dressing as follows for each 10 hills:

2 lbs. Bone Meal

5 lbs. Dry Cow or Sheep Manure

$\frac{1}{2}$ lb. Muriate or Sulphate of Potash.

(Substitute for $\frac{1}{2}$ lb. Potash 5 lbs. hard wood ashes that has been kept dry until being spread on soil.)

PLANTING

WHERE TO PLANT. In selecting a location for dahlias, it is essential to have a free circulation of air for healthy plant growth and to prevent mildew. Dahlias need direct sunlight at least 3 or 4 hours, preferable 6 to 7 hours, each day and should not be planted near large trees or dense shrubbery which would shade the plants and use moisture and plant-food.

WHEN TO PLANT. Should you desire a mass of color for landscape effect or a number of smaller blooms to cut, early planting is recommended. For exhibition blooms later planting is advisable, unless you intend to cut back, prune and disbud systematically.

Dahlias should be planted in Southern New England, Southern New York State, Pennsylvania and North Jersey between May 15th and June 15th, while in South Jersey, Delaware, Maryland, Virginia and interior States of the same latitude the planting period extends from May 1st to July 1st; North Carolina from April 15th on, South Carolina and Georgia from April 1st on, advancing through Florida to January in the citrus fruit belt. Farther north, where hot summers are less harmful and early frosts are prevalent, planting may commence as soon as danger of frost is over. In the northern parts of the United States and Canada we recommend starting dahlia roots, pot roots or plants in a cold frame in pots, in squares of inverted sod, or in quart paper milk containers with one side cut out and laid flat with holes punched for drainage. These containers are better than pots for dahlia roots and can be torn apart and removed for planting without disturbing the feed roots. When plants or stalks get to be 6 inches high they should be topped back, leaving preferably two nodes above the ground, see P on Drawing X. When green plants are grown in 2 to 2½-inch pots, as soon as a good root growth is developed they should be re-potted in 3 to 4-inch pots and topped out at time of re-potting.

HOW TO PLANT. When planting large flowering dahlias, the rows should be from 4 to 5 feet apart, or from 6 to 10 square feet should be allowed for each plant. A novel way to plant is to place your stakes 4 x 5 feet apart, and plant a root, pot root or plant at each side of the stake so that stalk will be about 2 inches from stake. This will allow better air condition and more room for cultivation. Varieties will not mix in growing them together and should one plant fail, there will be no blank spaces. However, care should be exercised in not planting a strong rapid grower at the same stake with a slow or dwarf growing variety. Bush heights should be about equal.

Do not plant roots, pot roots or plants in or over hot manure or any quantity of compost or fertilizer. Although practiced by some, we do not recommend the use of any dahlia fertilizer or bone meal in the hole directly under, or where it will contact the dahlia root, pot root or plant, as there is too much danger of in-

juring the tender feed roots. However, you can use old compost with bone meal and wood ashes or recommended substitutes used in moderation when kept deep enough so root, pot root or plant can be planted above it in regular garden soil. These holes should be prepared at least 2 weeks ahead of planting so chemicals are diluted and there is no danger of heating or burning. We strongly suggest a broadcast application, as recommended above under **Spring Fertilizing**. The stunt in dahlia plants can often be traced to the burning of the feed roots caused by excessive chemical feeding.

ROOTS should be planted in trenches or furrows 5 inches deep laid flat down (not on end) and covered with earth 2 to 3 inches in depth where drainage is good, filling in as the plant develops. Where drainage is poor, keep a furrow open between rows to facilitate drainage in wet weather, or cover sufficiently so that water will not stand in the vicinity of the root.

Where roots are planted in holes in heavy soil and drainage is poor, fill the hole completely so it will not become a basin in heavy rains and rot the root. Dahlias do not like wet feet. Rake top-soil loose before it bakes after a rain so sprouts can come through easily.

POT ROOTS should be planted as you would roots. Do not divide the small clumps. Preferably allow only one stalk to grow, never more than two. Pot roots and plants are especially desirable where the growing season is short, or where dahlias are to be used in beds following early flowering bulbs. They may be potted in 3-inch or 4-inch pots and well-started before planting.

ROOTED CUTTINGS should be ordered for delivery 15 to 20 days earlier than plants, and you should have a cold frame, sufficient 2¼-inch to 3-inch pots and suitable potting soil along with some knowledge of their care. We follow through the behavior of DahliaDel root divisions, pot roots and green plants but on rooted cuttings we can only guarantee delivery in good condition and to be true to name because the care and attention given a plant from potting to hardening off for planting out is the making or breaking of the vitality of your stock, and this responsibility of necessity is yours.

When rooted cuttings are received, wax paper wrappings and moss should be removed. Cuttings should be potted at once in 2¼-inch to 3-inch pots or Veneer Bands. Water well and place in partially shaded sunlight for 3 days, then less protected for 3 more days and then full sunshine. Avoid drafts first few days. Slat, onion bag material or thin muslin make a good shading. After a week, handle them as recommended for green plants.

GREEN PLANTS. Unwrap plant and remove moss, then moisten ball of dirt by submerging in water momentarily. Then remove paper pot, and plant with the top of the ball of dirt about 3 inches below the ground level and cover the top of the ball of dirt $\frac{1}{2}$ to 1 inch. In locations where there is danger of flooding or poor drainage, do not plant quite this deep. Water thoroughly once if ground is dry and then protect with open basket or open crate for a few days as partial protection from the sun and wind, covering only when protection is needed. Remembering at all times that foliage that has been deprived of sunlight for a few days has to be acclimated to it gradually. Then start cultivating. Fill in gradually as the plant develops. For cut worms, scatter poison bait the evening of planting. See **Cut-worms**

Follow directions **How To Plant** and in addition where dahlia plants are to be set in heavy soil, it is advisable



to at least prepare the hill by mixing sand or coal ashes, screened to about the size of corn, into the ground where the plant is to be set. We do not recommend washing all the soil from the roots before planting. Plants will make better bushes and clumps in heavy soil if hills are prepared, as above, but it is not at all necessary in light soil.

It is best to set plants without topping back to get feed roots started especially when they have been shipped a distance. After the plants have established themselves you can top back with safety.

Where dahlia plants are grown with only a reasonable amount of fertilizer and water, they usually make better roots than when grown in the midst of plenty. To produce roots on plants, use a balanced plant food, as recommended under **Fertilizer**, but not to excess, and water only when necessary to produce a good, healthy, but not soft growth. When setting plants the last of June for September blooms, we recommend disbudding, according to Drawings X, Y and Z. When planting a month earlier it will be necessary to cut the **fast growing varieties** back severely about six weeks before you want blooms, leaving about one-half the growth and not more than six laterals for the first blooms. Then disbud these as shown on Drawings X or Y, as soon as branches develop sufficiently. This cutting back will give the plant an over supply of feed roots, which will start root production at once, giving you more mature roots in the Fall.

In growing Dahliadel green plants, only the strongest cuttings are potted, and again the best plants are selected for filling orders. This assures you of the best stock procurable.

CULTIVATION

By cultivating at least once a week, twice a week preferably in the early season, and as soon after rain or irrigating as the ground can be worked without getting lumpy, the weeds will be held in check and a soil mulch formed which will conserve the moisture and lessen the need of irrigation.

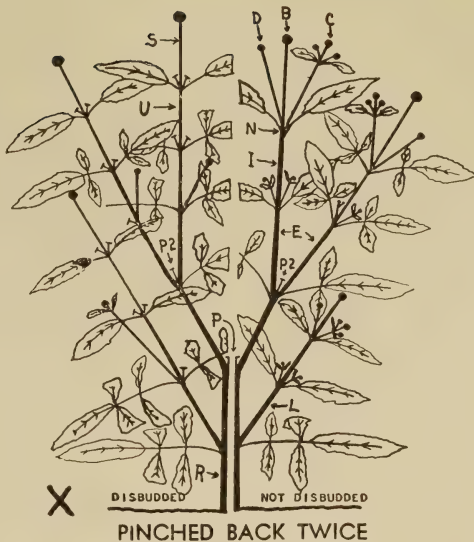
As the plant develops and the feed roots come toward the surface, the ground should be worked rather shallow around the hills for the radius of at least a foot. Still work the balance of the ground rather deep and bring some fresh soil to the plant with each cultivation, giving the plant a new supply of plant food and protecting the surface roots from the heat of the sun. Have the hills mounded 3 to 4 inches by the middle of September. This will help support the stalks and protect the roots from freezing should an unexpected cold spell catch you before digging. Stop all cultivation between the middle of August and September 1st.

PINCHING OUT AND DISBUDDING

KEY LETTERS TO DRAWING

B	Terminal Flower Bud	N	Node
C	Secondary Terminal Bud	P	Pinched out once
D	Lateral Bud	P2	Pinched out twice
E	Branch	R	Stalk
F	Side Prune B and D	S	Stem
I	Internode	T	Shoot or bud removed
L	Lateral Branch	U	Stem Stalk

These drawings are made with the hope of making disbudding easier. The **left side** of each drawing shows half of the plant disbudded, while the **right side** shows the normal development of branches and buds on the same plant when **not disbudded**. Place paper over half to get better understanding.



DRAWING X is recommended for most large flowering varieties with normal bush heights and length of stem.

We do not recommend disbudding the smaller type dahlias to the extent recommended below for **B-MEDIUM** or **A-LARGE** and **BALL** dahlias. However, partial disbudding of **ORCHIDS**, **SINGLE**, **COLLALETTE**, **MINIATURE** and **POMPON** dahlias will give you larger and more perfect blooms and longer stems. When the smaller type dahlias are planted early and you do not want early blooms it is best to cut back rather severely about 6 to 7 weeks before you want blooms. Plug open nodes as recommended. Always leave the side shoots or branches to come into bloom.

PINCHING OUT is indicated on Drawing X and Y at P and P2, first and second pinching out, respectively. We recommend this system for **B-medium** and **A-large** dahlias. The smaller a plant is when pinched out, the quicker it will heal and branches develop.

Allow only one main stalk to grow (never more than two). Pinch out the crown or center above the second pair of leaves. The principle of taking out the center is to develop the eyes, which are located at the base of the leaves. The top pair of eyes will make themselves evident in surprisingly short time, and these shoots or branches on most varieties should be pinched back again, P2 unless they are short stemmed varieties. In that case, they should be side pruned as indicated at F in Drawing Y, leaving not more than one pair of eyes on each branch. By the time these get a start, the second or lower set of eyes on the main stalk will have developed along with those above. These stems should bear the first four to six flowers.

DISBUDDING, as indicated by T in drawings, is the pinching or rolling out of the small bud growing at the base of each leaf. These can be cut out with a pointed knife if they have developed considerably before disbudding.

When the terminal bud on each of the stems is about the size of a large pea to a small acorn, or as soon as the side shoots are large enough to pull out, disbud by taking out all the side buds and shoots except the lower pair on each of the branches which should be allowed to grow to form later flowers. Leave only one side shoot as shown in Drawing X or one to two shoots on



DRAWING Y is recommended for varieties with short stems, making the foliage too close to the blooms, often termed as crotch bloomers. Disbud as indicated at F, removing B and D, and then remove two small buds from C.

Drawing Y, should you desire very large flowers. These new branches should be handled as the previous set as soon as they have developed sufficiently.

All of the disbudded stem should be cut with the flower, when following X or Y. This early disbudding and pruning is not solely for the benefit of the first six flowers, but mainly to keep the bush low and properly branched for the future crop, also aiding in root development.

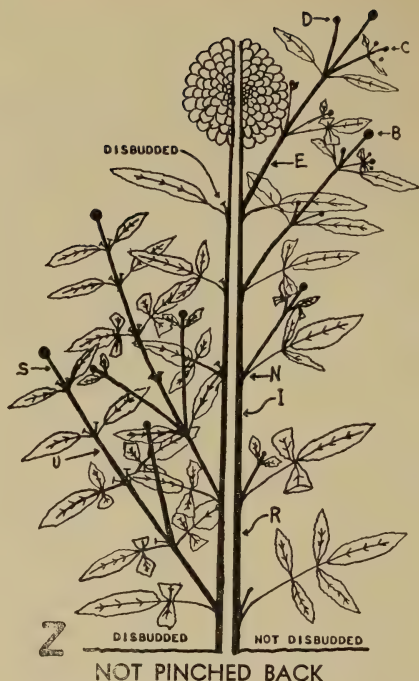
Should you fail to pinch out when plants are small, it will be necessary to use system shown on Drawing Z or exercise care with late topping or cutting back not to open hollow stems so that water can get in and start stem rot. These openings can be stopped up with grafting wax, plaster paris or modeling clay or capped with cellophane. Should water get into the stalk, slit the stalk just above the node with the point of a sharp knife, and by twisting the knife let the water out.

Certain varieties branch to excess. These should be thinned out at intervals of 2 weeks, and not more than six shoots allowed to come into bloom for the first flowers. This affords the plant better air circulation and sunlight. Without plenty of air and sunlight your blooms cannot be fully developed and your foliage will be easy prey to mildew.

Pinching out once is best for varieties that branch readily, while pinching out twice will prove advisable on varieties that grow main branches rapidly and develop lower branches slowly.

IRRIGATION

Water only when your dahlias show need of moisture. Thorough watering can be spread over 2 days to allow time for penetration and is far better than a number of light sprinklings. Break the surface by cultivating as soon as the ground dries sufficiently not to lump or cake when worked. Frequent sprinkling brings the feed roots to the surface where they are sickened by the



DRAWING Z is another system which we do not recommend for our section of the country, or where there is a prolonged hot spell in the summer. However, where summers are cool, especially in the mountains, or where the seasons are short, early blooms may be grown without hurting the later crop by following Drawing Z. This system shows how disbudding without topping keeps the bush grown down to just the right height.

heat of the sun and injured by cultivation. Watering once a week should be sufficient even in dry weather.

MULCHING

Mulching saves a lot of work. Have plants slightly hilled by the middle of July. Apply summer fertilizer or top dressing working it into top soil. Then mulch by covering ground evenly with about 2" of salt hay, straw or light colored mulch. This will eliminate cultivating, cut watering to about 1/2 and keep the ground and feed roots cool. Your roots will be protected from early freezes and can be left in the ground longer in the fall to ripen better before digging.

PESTS

APHIDS (Plant lice) are small, soft-bodied, sucking insects either light green or greyish black in color. They usually work in groups on the underside of the leaves, causing the leaves to curl. At times they work on the young stems. Aphids are common carriers of Mosaic, a virus disease and should be kept in control for this reason, if for no other.

CUCUMBER BEETLES are of two common types, the spotted having 12 black spots, and the striped having alternate black and yellow stripes. They do considerable damage eating petals of buds and flowers.



EUROPEAN CORN BORER. This is a serious pest when infestation is heavy. The adult moth of the corn borer lays its eggs in a cluster on the underside of the leaf. The first generation hatches in June, the second late in August. Contact your county agent for exact time in your location. It is important that you keep a control spray or dust on the plant during the hatching period, as the tiny borers feed on the leaf surface for a few days before boring into the stem. It is also important to keep the insecticide on the new growth as the borers enter the stem just above the leaf bracket in this new growth. As the borer develops it weakens the stem, eating through the nodes and finally the stem breaks over.

The **EUROPEAN CORN BORER** develops up to 1 inch in length, is a dirty white in color with two brownish streaks or stripes on its back.

All weeds, corn or dahlia stalks should be destroyed or dug under before May 1st as a control measure.

GRASSHOPPERS need no description and can be controlled by our spray recommended below.

JAPANESE BEETLES which are generally known and do considerable damage to the open blooms can be easily controlled by spraying.

LEAF-HOPPERS are larger than thrips and of a pale yellowish green color, a little over 1/8 of an inch in length. They fly when the bush is touched especially during the heat of the day. These sucking insects do much to keep a plant from getting a good start. They work on the underside of the leaf causing the edges to first turn yellow, then brown. Finally the entire leaves die on the lower part of the plant.

RED SPIDER OR SPIDER MITE are minute insects that usually work on the underside of the leaves. This gives the underside of the leaf a grey appearance, covered with a silvery web. The top of the leaf starts browning and develops into a leaf resembling cured tobacco.

These insects multiply very rapidly in dry, hot weather, spreading over an entire garden in a few days to a week's time, but they do not like cold wet weather or cold water, especially applied with pressure.

Red spider damage has been increased since the advent of DDT which destroys the parasite that normally helps control red spider. Red spider controls are of short duration while DDT control lasts about two weeks, so bear this in mind when using DDT.

TARNISH PLANT BUG is about 1/4 inch in length, brassy brown in color and marked with black and yellow with red thorax. This is quite a troublesome insect in certain sections, especially parts of the mid-west. This insect punctures the flower stem causing the buds to dry up, in some localities even dwarfing the entire bush.

THRIPS are tiny insects which in the nymph stage are greenish grey in color and very hard to see without the aid of a magnifying glass. They do considerable damage in this stage. They enter the growing leaf bud and chafe the newly formed leaves, injuring them so that they develop malformed and curled, also injuring the small flower bud and stem. These insects seem to enjoy the life blood of certain varieties on account of its flavor and do not molest the adjacent bush. If the attack is not checked the leaves will be gnarled and twisted, and the buds one-sided or so injured that they dry up and fall off. This usually results in a stunted bush, which in reality is only weakened by insect ravages.

The onion thrips in particular are the best known carriers of ring spot, making the control of thrips very important where any ring spot is present.

INSECT CONTROL

For years we have been looking for an all purpose insect control and now we feel it is here. However, it cannot be used on fruits or vegetables as it has a musty odor and imparts it to the fruit or vegetable. It is less dangerous to use than Black Leaf 40 (Sulphate of Nicotine) but precautions noted on packages should be adhered to. All of the above mentioned insects can be controlled by the following recommended spray and used at the one prescribed strength. It is, of course, much easier to control insects before there is a heavy infestation, and less damage will be done.

There are other new insecticides on the market, no doubt efficient, but we are afraid to use some of them and would certainly not recommend them to our customers.

RECOMMENDED INSECT CONTROL

(See Page 47)

We have obtained exceptional results, practically 100% insect control with one application of the following spray: **To each gallon of water add:**

2 rounded tablespoonfuls of 12% wettable BHC

1/3 teaspoonful LINCK WA

1/2 teaspoonful TAT Hexate or Vaportone-XX.

This we feel sure will control all the troublesome insects listed above, including the European Corn Borer if spray is kept on the plant at the proper time.

Many insects are windborne making it necessary to repeat spraying every 7 to 14 days. Also eggs not killed by spray hatch out or the few insects left soon reproduce.

Red spider mites are becoming more troublesome each year and to control them it is necessary to spray every 4 days for 3 sprays and add to the above recommended spray 2 level or slightly rounded teaspoonful of Aramite (15% wettable powder) to each gallon of spray. We do not recommend this addition unless spider mite is present. Use the same precaution as when spraying with nicotine sulphate: namely—wash hands immediately to remove concentrated spray material and keep away from breathing the spray by spraying with the wind.

12% WETTABLE BHC is Benzene Hexachloride. This product acts as a contact, stomach and fumigant insecticide. It is up to 15 times as toxic to certain insects as DDT yet only 1/5 as toxic to warm blooded animals. Exceptionally effective against sucking bugs, aphids, leaf-eating insects (even killing the egg), wireworms, thrips, scale, grasshoppers, locusts and ants. It does not have the long residual effectiveness of DDT due to its fumigant action, however, this is advantageous in that it reduces the danger of any long lasting residue.

Although it has a somewhat objectionable odor, the results are so far ahead of anything else that you gladly tolerate the musty odor.

By chance we found an efficient control for both ants and yellow jackets. 1 heaping teaspoonful of BHC thrown into the entrance to the nest of **yellow jackets**, preferably in the early evening, will eliminate the inhabitants. For **ants** a teaspoonful will take care of a number of ant hills, depending on their size. Just throw it around where ants are entering the ground. BHC develops a gas heavier than air and penetrates the ground.

TAT HEXATE is a compound containing Tetraethyl Phosphosphate and a wetting, spreading agent. Replaces nicotine sulphate in controlling aphids; also excellent for control of plant mites (such as red spider), and other insects.



VAPOTONE—XX Spray is Tetraethyl Pyrophosphate. Not available in small quantities.

LINCK WA. A wetting agent recommended for low pressure spraying when using BHC with Hexate or Vapotone. The purpose of a wetting agent is to relieve the surface tension, allowing the spray to cover the insect or flow over the entire surface of the area sprayed. The proper amount of WA will vary according to how hard the water is that is used in the spray. When using the amount prescribed and spray rolls up in small drops, then reduce the quantity of WA.

CORN BORER DUST (D D T 5% Dust with wetting agent added.) Four to five applications should be made at five to six day intervals, starting at the time of the first eggs' hatching. Five pounds should take care of 100 to 150 dahlia bushes for four applications (size of bush will vary amount needed). Directions with each package.

Prices listed in our catalog under Dahlia Growers' Supplies.

CUT WORMS are easily controlled by scattering about a teaspoonful of poison bran bait around the plant (but not touching it) as soon as plants are set or shoots appear from roots. The early evening is the best time to apply it.

2 tablespoonful of molasses or brown sugar (dissolved).

1 level teaspoonful of paris green or arsenate of lead mixed in the juice of an orange or equivalent in water.

1 quart of bran or enough to make a reasonably dry mash.

MILDEW. Commonly known to most growers, it starts with grey spots on the leaves and is more prevalent in the fall. Adverse growing conditions, planting too close, poor air circulation, and extremes, are all contributing factors. Dusting sulphur applied to the underside of the leaves on its first appearance will usually control it.

STUNT, a general term, can be sub-divided as follows:

1st—From lowered vitality as a result of poor culture, lack of cultivation or adverse weather conditions.

2nd—The ravages of attacking insects, thrips, aphids, leaf-hoppers, red spider mites, stem borers, root nematodes, etc.

3rd—The rotting of feed roots caused by fertilizer or chemical burn or soil too rich in nutrients, excessive water where drainage is poor, or water in hollow part of stalk where openings are not plugged.

4th—Virus disease, either mosaic or ring spot. Mosaic is best identified by the following characteristics: The veins of the leaf become lighter than the other areas. This can be detected by looking through it toward the light. The leaves are smaller, somewhat crinkled, the inter-nodes in the top of the plant become shorter instead of longer as they would in a healthy plant. The bush practically stops growing in the top and excessive branching follows. Presence of a corn borer will also stop the growth in the top of a plant.

Aphids are the carrier for this virus.

Ring Spot is a virus usually showing up on the lower leaves in the form of a somewhat circular light green pattern or design, the edges of which are zig zag. The area within this pattern will at times turn brown.

The carrier for this virus is the thrips.

It is the best practice—**First**, keep aphids and thrips under control. **Second**, destroy stock you

are sure carries a virus. **Third**, rid your garden of chick weed as it is a known host for ring spot.

CUT FLOWERS

Dahlia blooms should be cut in the late afternoon or early morning, removing the lower leaves and all of the buds of the large varieties, if not disbudded. Immediately put in water in a cool dark place to freshen for 4 hours or more or over night, before placing them in the house or in the show room.

If Collarette, Orchid Flowering and Single dahlias are cut before the pollen shows, they will hold their petals and keep for days.

HOT WATER TREATMENT. Cut and freshen as above then put stems in 1 inch of water, almost boiling, for 1 to 2 minutes, keeping bloom away from any steam. Then place in deep cold water to cool. They can, however, be given the hot water treatment immediately after cutting, then placed in cool water to harden off. Flowers are then ready to ship by packing in a strong corrugated box lined with tissue or wax paper. Pack blooms in both ends of box, face up, with stems toward the center. Fasten stems down by nailing a wooden strip in the center of the box or by tying down through the bottom. Flowers packed snugly will carry better than when packed loose and allowed to batter.

Flowers when wilted can be freshened by cutting end of stem and placing in hot water as above. If necessary to completely freshen flower, repeat this operation but cut off discolored end of stem before again placing in hot water.

The hot water treatment will do wonders in making your exhibition blooms keep fresh after staging, but do not cut off the discolored end of stem unless you are again going to treat it.

The physical action of a cut flower is to take up water into the stem which evaporates through the flower and foliage. The slower this action of evaporation or transpiration takes place, the longer the life of the flower. From this you will see that buds and excessive foliage will shorten the life of your flower. Also avoid placing cut flowers in a draft.

DIGGING AND STORING DAHLIA CLUMPS

Dahlia stalks should be cut at the ground level directly after or within a week after frost has killed the leaves and discolored most of the stalk. Then allow about a week for stalks to bleed out before digging.

Case should be exercised so that the necks of the tuberous roots will not be broken. Loosen the roots by prying with a long tined garden fork thrust in the ground about a foot from the crown, preferably all the way around, before attempting to remove clump. Two digging, one on either side of the clump, is even better.

After digging clumps, cut dahlia stalks about 2 inches above crown and allow clumps to sun or air dry for part of a day, according to amount of moisture in soil. Free most of the soil by tapping on the end of the cut stalk with a block of wood.

Line flat bushel baskets, boxes or similar containers with paper, preferably waterproof. Pack the container about half full of dahlia clumps and then pour in Horticultural Vermiculite, covering roots. If necessary, split large clumps to facilitate packing, dipping cut portions in Natriphene as recommended on page 27. **Be sure to air dry** all dipped portions of clumps before



packing. After filling container with clumps or partly divided clumps cover all roots completely with vermiculite, fold paper lining over top, close box or put cover on bushel and store in cellar, the cooler the better, as long as it is above freezing. When necessary to store in a dry, warm cellar place bushels in the coolest corner and cover with any material available that will keep the warm air in the cellar from circulating around the containers.

Should you have a root cellar with a temperature from 40° to 45°, properly ventilated, dahlia roots should not need any special covering.

To remove clumps from container, make a screen of 1/2-inch mesh wire that will fit over top of the container and by inverting container and shaking gently, practically all the vermiculite will shake out into another container. This leaves the clumps as packed.

We have found vermiculite the cleanest, handiest and most satisfactory medium in which to pack dahlia clumps or roots for winter storage.

DIVIDING CLUMPS

Dahlia clumps can best be divided with the aid of double cutting pruning shears and a pruning knife. Broken necks and fibrous roots should first be removed. The eyes are on the crown and never on the root proper. Then proceed to divide with shears or knife. Care should be exercised to have a piece of crown with at least one eye connected with each one or two roots. Then all cut portions should be dipped in **Natriphene**. Clumps should never be planted without dividing.

We have found **Natriphene** a very efficient dip and are using it on all our divisions and recommend its use as follows. Dip all cut portions of dahlia roots or entire root in a solution of **Natriphene** made by dissolving 1/2 tablet in 1 gallon of water. This stock solution may be kept until used. Air dry cut portions of dahlia roots or entire root before again storing or planting. This air drying process is essential for proper results.

WHEN TO DIVIDE. For the amateur, clumps are better partially divided in January or February. Trim out any portions of crown or roots that show decay. On early dividing it is not advisable to cut apart to single root divisions, but rather divide a clump into two to four pieces, leaving two or more roots to a division. These can be again divided at planting time as long as you have one good eye with each root. Dip cut portions in **Natriphene** and repack as recommended before or place divisions after air drying in Polyethylene bags with enough vermiculite to cover roots. Roll bag tight and place rubber band to keep it tightly closed, tag under band with an extra one in bag. When dividing clumps, tagging each division becomes quite a chore, also these tags must be removed before planting. It is therefore less work to wet the root with a sponge or rag and mark either name or number right on the root with an indelible pencil. This will not come off when packed in vermiculite or even during a growing season in the ground. Let roots dry in air before repacking in vermiculite.

Cut sprouts back to 1/2 inch before planting.

DAHLIA CULTURE FOR FLORIDA AND PARTS OF TEXAS

Cultural instructions in general can be used with the following exceptions. Dahlias need more shade than in the north, they do well on the north side of citrus or other trees getting some morning and afternoon sun,

or grown in a slat house similar to the ones used for growing asparagus fern. Fertilize about once every 4 to 6 weeks, using smaller quantities for each application than recommended under **Fertilizer**, as it is a longer growing season and with a porous soil 1 1/2 to 2 times the total recommended amounts can be used during the entire growing season.

Dahlias do not respond to pinching out as they do in the north and some varieties will not branch at all when pinched back, so handle your bushes according to Drawing Z.

A number of our early blooming cut flower varieties of dahlias planted the 15th of August will be in full bloom in 6 weeks and bloom for 2 or 3 months.

For spring blooms plant in January or early February

LANDSCAPE WITH DAHLIAS

A number of varieties are now available that lend themselves wonderfully well to landscape work. They may be grown where a mass color effect is wanted, or may even be started in pots and set out in mid-season after other plant material is through blooming.

Dwarf Dahlias originally were used in landscape plantings, then a number of Miniatures were found desirable, and now some of the larger types produce beautiful compact specimen plants and add unusual interest.

DAHLIADEL RECOMMENDATIONS For Landscaping, Borders or Beds

Dwarf dahlias listed on page 30 are used for low border plantings but the following recommended varieties may be used where low effects are still desired but a little higher growth ranging from 2 to 3 1/2 feet. These varieties bloom early and profusely throughout the season. They are fine looking bushes in themselves, varieties easy to grow and not temperamental in adverse weather conditions.

LARGE FLOWERING VARIETIES

Bond's Memory—B SC Lt Bl	Kentucky Lady—A ID Bi
Coral Robinson—B IC Red	Kelvin—A ID Pink
Croydon Masterpiece—A ID	Magnetic—B StC Y
Emma Caroline—A FD White	Marg. Jardine—B StC Fl Bl
Golden Prince—A ID Or	Noelle Watson—A FD Lt Bl
Gretel—B SC Red	Pari Taha Gold—B IC Or

MINIATURES & BB

Autumn Queen—M FD Or	Little Sheik—M SC Bi
Belle—M StC Yellow	Look—M ID Bi
Bloodstone—M FD Red	Miss Karen—M M FD Dk R
Buckeye Baby—M FD Au	New Comet—BB FD Pk
Caress—M SC L	Pink Lady FD—M FD Pk
Cheryl Anne—M FD Y	Santoi—BB StC R
Glacier—BB-M FD W	Shirley Westwell—BB ID R
Hazel Harper—M StC Lt Bl	Silver Spring—M FD Pk
Jubilant—M ID Fl Bl	Snowcloud—M StC W
Little Patty—BB SC W	Tijske—M SC Lt Bl

POMPON

Atom—Pom Or	Honey—Pom Fl Bl
Betty Anne—Pom Pink	Red Warrior—Pom Red
Betty Lou—Pom Lt Bl	Sherry—Pom Purple

OTHERS

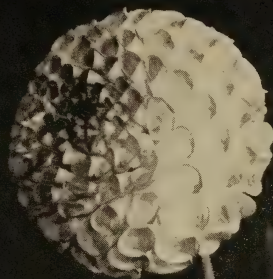
Clair de Lune—Coll Y	Pink Spangle—Coll Pk
Delight—Coll L	Top Mix—S

DAHLIADEL RECOMMENDATIONS For Your Garden, Exhibition and ArrangementsClassified to Color and Type

If you are at Dahlia del and asked me to check a list of the most satisfactory varieties of dahlias for you to grow, you would probably say you wanted varieties that are not temperamental. Then you would ask for those easy to grow, that produce plenty of flowers good for cutting; house decoration, or for exhibition —oh yes, you would want some of the big ones too that will be the envy of the neighborhood. Well, here they are.

With this table of recommended varieties you can pick out the types and colors you like most. Where there is more than one, the top variety is the newer and likewise the higher priced one. Practically all of the varieties have won prizes at Shows or Trial Grounds, and will do it again if properly grown and exhibited.

	S-C	IC	S-C	ID	FD	Ba	Min C & C	Min I & FD	Pom
WHITE	Snow Girl Dandy Snow Jersey Daisy	White Mist Bay City White	Silver Wedding Faithful	Winifred Stredwick Windlassie White Pop Harris	Esther Blanche Emma Caroline	Mozart Jonell	Kosciusko Snowcloud Snowsprite	Agatha Glacier White Fawn	Little Willo
YELLOW	Bunny Magnetic Sam Herst	Leslie V. Dahl Ida Bernadine Gold Coin	Yellowin Pride of Parkersburg New Look	Sequoia Salem Sunshine	Narrabri Earl Wood Daily's Gold	Butterball Mary Helen	Bruce Wark Isa Belle	Tropiano C. C. C. Little Lemon Drop	Leslie Marks Chia
ORANGE	Vermont Belle	Golden Dust Parl Taha Gold	Prairie Fire	Honey Bear Golden Prince	Don Jose		Honeymoon Joan Ferguson	Autumn Queen Bittersweet	Atom Fanny
AUTUMN	Brown Bomber Ballerina	Imperial Bronze Giant	Hillicrest Gratitude	Kenya Lloyd George Croydon Masterpiece	Kirsten Flagstad Golden Treasure	Char. Caldwell	Bronze Princess Buckeye Baby Pam McDonald	Burwood Gold Dust	Sweetie Red Baby Red Warrior
RED	Edna D. Skyrocket	L. M. Proops Gora Robinson Son of Satan	San Juan The Cardinal John Alwayne	Mary Elizabeth Satan's Disciple	Uchuu Eileen Lucy Barbarosa	Lu Lu	Hill. Beaconette Bernard Burke Ruby Charm	Red Top Elsie A.	Sweetie Red Baby Red Warrior
DARK RED	Juanita	Big Mo	Black Monarch Red Velvet	Ruby Hay Mrs. Hester A. Pape	Abe Lincoln	Dusky	Helen South Johnnie K.	Miss Karen M. Ike	Iran Ebony Ila
PINK	Debby Allways	Danny Goody S. Pink Flamingo	Dr. Paul Rahn Pink Cloud Surprise	Apple Blossom Cherokee Beauty Kelvin	Polly Bergen Otto's Thrill June	Alice J.	Treasure Anthony Hunt Little Diamond	H. J. Warrell Conchita Silver Spring	Beatrice, Pom Betty Anne
LAVENDER	Pride of Holland Carol Francis	Marcia Janette Beryl Jean	Ruth Alampi	Arthur Hambley Our Friend Selene	Verayfang Geo. Wilson Sarah Carolyn	Gwendia Smith Supt. Amrhyrn	Gorgeous Mrs. J. Robertson	Lucas Nellie Shee	Mauvette Mary Munnis
PURPLE	Dr. Borley Clariam Royalty		Hollywood Star Ada N.	Cherokee Chief The Volunteer Glamour	Mrs. McCartney King David Thos. A. Edison	Rev. Vale Bon Blue	Fuchsia Gem	Dove Jo Little Jerry	Lady Lookout Robert Holmes Nero
LIGHT BLEND	Crislene Val St. Lambert	Berky Clariam Splendor Blendente	Elsie B. Bonifs. Memory Empire State	John Butterworth	Verona Noelle Watson Five Star General	Kaiser Bill O. D. Baldwin Rosy Dawn	Bug's Bunny Vickie Hazel Harper	Timmie Lovelie	Betty Lou Morning Mist
FLAME BLEND	Margaret Jardine Blaze Away		Red Sails Carnavales Roselyn Straight	Ned Seymour Autumn Blaze	Arthur Godfrey		Sandra Broomley Warren Goodwin	Jubilant Jealousy	Pee Wee Honey
DARK BLEND		Nutley Sunrise	Chas. Ondrick	Giant Beauty Minora	Judith And. The Marquis	Dottie D.	Ginny Johnston Miss Mollie		Diana Gregory Golf Ball
BI-COLOR		Iva Jean Victory Maid	El Dorado Peas Pride Lynn Elizabeth	Terrific Tartan Kentucky Lady	Lyndy Duet Tiara	Clara Clemens	Maxeen Little Shiek Raewyn Leslie	Johnnie Casey Johnnie Zest	Betty Malone Sunny Daybreak
VARIEGATED	Nita	Christine Aus.		Larry Heslin Kamps R. Beauty Crystals' Surprise	Chas. Garrity Calliente Paisley Gem			Beatrice, Min Catherine	



KAISER BILL



O. D. BALDWIN



JEEP

BALL DAHLIAS

ALICE J. (Alling 84B), M, Bloom 5 x 3, Bush 3½ ft. Lovely Rhodamine pink. One of the old timers but still our best pink ball. Root, \$1.00

BON BLUE (Aust M), M, Bloom 3½ x 2, Bush 4 ft. Beautiful phlox purple that stands out for its color. Petals fully quilled but slightly broad. Good grower. Root, \$1.00

BUTTERBALL (Haugh-Rock 85B), E, Bloom 4 x 3, Bush 5 ft. Beautiful light primrose yellow. Profuse with dark leathery foliage. Certified at Atlanta. On 2 Honor Rolls, and a winner. Root, \$1.00

CHARLOTTE CALDWELL (Creekside 85B), E, Bloom 6 x 3, Bush 3 ft. Mars orange suffused apricot. Large uniform blooms. Strong stems and bush, with healthy foliage. Keeps well. Very popular as a cut flower. Pops open center at times. Root, .75

CLARA CLEMENS (Pelicano 84B), M, Bloom 4 x 3, Bush 5 ft. Red tipped white. Very striking. Later in season petals quill sufficiently to qualify as a Ball dahlia. Root, .75

DOTTIE D. (Chamberlayne-Rock), 1959, M, Bloom 6 x 4. Base color is white suffused and tipped cyclamen purple. Good substance on strong stems. Certified at Long Island and Ohio Valley. Outstanding in size and color. Root, \$5.00; Pot Root, \$3.50; Plant, \$2.50

DUSKY (Do 85M), M, Bloom 3 x 3, Bush 3 ft. Miniature Ball of carmine shaded maroon. Well-quilled petals roll back to stem. Prolific. Winner of 2 Certificates and Derrill Hart Medal. Root, .75

GWENDA SMITH (Aust 85M), M, Bloom 3 x 2, Bush 3 ft. A most attractive miniature ball, mauve or mallow purple. Good form. Strong healthy grower. Plant, \$1.00

JEAN KERR (Burpee 83B), E, Bloom 4½ x 3, Bush 4 ft. A profitable white for a cut flower. Bushes compact with blooms held above the foliage. Good stems. Always in bloom. Inclined Formal Decorative. Root, .50

JEEP (Dahl 85M), M, Bloom 3½ x 3, Bush 4 ft. White suffused violet rose and tipped purple violet, more pronounced in the early season. Blooms early and profusely. Sure to please. Root, .75

JONELL (Rus M), M, Bloom 3½ x 2, Bush 2½ ft. Pleasing pure white Ball and much needed in its class. A mass of blooms. Root, \$1.00

KAISER BILL (Aust 85), EM, Bloom 4 x 3, Bush 3½ ft. Golden yellow heavily suffused and tipped rose opal. Good stems, foliage and bush growth.

Root, \$1.50; Plant, \$1.00

KENTUCKY SNOWBALL (White 85B), E, Bloom 4 x 2, Bush 3 ft. Pure white. Does not burn. Profuse. Stems erect. Best in ordinary culture. Root, .50

LULU (Parker-Robens 85B), M, Bloom 4½ x 3½, Bush 4 ft. Lively cherry red. Good healthy grower. A wonderful addition to this class although sometimes it is inclined Formal. A real prize winner. Plant, \$1.00

MARY HELEN (Alling 85B), EM, Bloom 4½ x 3½, Bush 5 ft. Deep canary yellow. Well-formed blooms, good stems, vigorous plant, and profuse. Root, .75

MOZART (Dahl 85B), M, Bloom 4½ x 3, Bush 3½ ft. Pure white. Early and holds good centers all season. Quantities of perfect blooms. Strong rugged bush. Certified at W. Va. On Honor Roll. Root, .75

O. D. BALDWIN (85B), M, Bloom 4½ x 3, Bush 4 ft. Clear sulphur yellow edged carmine. Full centers, perfect stems. Good healthy grower and bloomer. Root, \$1.00; Pot Root, .75

REV. VALE (Str 86B), M, Bloom 4 x 2½, Bush 3 ft. Beautiful garnet lake, really a rich purple, that is much needed in this class. A good grower and performer throughout. Plant, \$2.00

ROSY DAWN (85B), E, Bloom 4 x 3, Bush 5 ft. Empire yellow suffused and tipped Tyrian rose. Fine for cutting. Very attractive. Root, .75

SUPT. AMRHYN (85B), E, Bloom 4 x 3, Bush 4½ ft. Mallow purple shaded amaranth rose. Excellent stems and bush. Fine for cutting and exhibiting. Root, .50

MINIATURE PEONY DAHLIAS

OPEN CENTERED WITH 2 ROWS OF PETALS

BISHOP OF LLANDAFF (Treseder 85), M, Bloom 3 x 1½, Bush 4 ft. Bright scarlet with a deep garnet center. Lacy foliage of reddish bronze makes it a "standout." Unusual and attractive. Root, .75

PINK LASSIE (Moore-Dahl 86), E, Bloom 3½ x 1½, Bush 2½ ft. Soft rose pink with cream and lighter shadings toward center. Petals curl and twist. Rugged bush. Profuse. Superb for arrangements and landscape. A "must have." Root, \$1.00



DANDY



CRAIG



DOT-DASH-DOT

ORCHID FLOWERING DAHLIAS

Most interesting, and popular for landscape effects, table decorations or arrangements. The bushes are compact, free blooming and prolific. Most of the flowers are 4 to 5 inches in diameter, and bushes are 2 to 3 feet in height except where noted.

CALYPSO (Dahl), 1958, E, Bloom 5 inches, Bush 2½ ft. Unusual mimosa yellow face with orchid purple shading on reverse. Good form and an incessant bloomer with fine stems. On Webb's Eastern Review.

COLLEGIATE (Dahl 85), E, Tan with a garnet red reverse. Quite modern and appealing. Very profuse, and flowers are always good. Bush healthy and sturdy.

CRAIG (Dahl 85), 1958, E, Bloom 5 inches, Bush 2½ ft. Lovely clear light primrose yellow. Nice bush and foliage even in a dry season. Certified at Georgia Trials. Named in honor of our youngest grandson.

DAHLIADEL TWINKLE (Dahl 85), E. White suffused violet rose with distinct Tyrian rose mottlings on reverse of petals which roll forward. Perfect in form and useful in arrangements.

DAHLIADEL WHISPER (Dahl 85), E. Popular for cutting, arrangements and in the garden. Maize yellow with scarlet reverse. Long erect stems. Holds well when cut.

DANDY (Dahl 85), 1959, E, Bloom 5, Bush 2½ ft. Lovely straw yellow with magenta rose reverse. Very profuse and pleasing all season. Holds perfect position on nice stems.

Root, \$1.50; Pot Root, \$1.00

EVEREST (85), M. Pure white throughout. Long, graceful recurving florets. Good size.

IMP (Dahl 85), E. Clear lemon yellow. Petals tightly rolled. Fine for arrangements and exhibition.

KEEPSAKE (Dahl 85), 1959, E, Bloom 4½-5, Bush 2½ ft. Sparkling pure white, much needed in its class. Artistic in form. Don't miss this beauty if you grow Orchids as its a wonderful keeper with extra nice stems and bush growth. Root, \$1.50; Pot Root, \$1.00

LONE STAR (Dahl 85), E. Light lemon yellow with soft French purple on reverse. Long erect stems, fine for cutting. Useful for landscape or border planting.

MY LASSIE (Dahl 85). A beautiful soft rose pink with cream and lighter shadings toward the center. The only pink Orchid Flowering dahlia. Long stems. Early, profuse, and easy to grow.

ABOVE ORCHID DAHLIAS except where noted. Root, .75

TOP MIX MINIATURE SINGLE DAHLIAS

Early blooming single dahlias that are fine for borders. Blooms 1½ inches, bushes about 1 ft.

TOP MIX BONNE ESPERANCE—Persian rose.

TOP MIX WHITE—White.

TOP MIX MIXTURE—Red, purple, pink mixed.

ABOVE SINGLE VARIETIES, Roots, .50; 3 for \$1.00

SINGLE DAHLIAS

BRUNO (Ball 85), E, Bloom 2½, Bush 1½ ft. A lively Spanish orange with a striking halo of blood red. Very fine and most interesting.

CANDLE LIGHT (Dahl 85), E, Bloom 5, Bush 5 ft. A brilliant yellow. Healthy bush and strong stems. Very profuse and excellent for cutting. Petals curl.

DAHLIADEL SNOW WHITE (Dahl 85), E, Bloom 5, Bush 4 ft. Pure white with serrated petals which roll forward. Excellent stems. Good keeper for arrangements.

DARK LUSTRE (Dahl 85), 1957, E, Bloom 4½-5, Bush 2 ft. Unusual as it qualifies as a Single late but Orchid type early. A velvety Indian lake (purple) that doesn't fade. Wonderful stems. Profuse bloomer.

DAVY (Dahl 85), E, Bloom 3½, Bush 3 ft. The liveliest Mandarin red. Considered almost orange by many as it is an orange red. A beautiful bush, wonderful for cutting and a real joy in arrangements.

DOT-DASH-DOT (Dahl 85), 1959, E, Bloom 4, Bush 2½ ft. White suffused amaranth rose, speckled and splashed fuchsia purple. The first in bloom and very profuse. Strong, rugged grower. Cut your early blooms and you will have flowers all season. Certified in Oakland and Atlanta in 1958.

Root, \$1.50; Pot Root, \$1.00

GARNET POINSETTIA (Pea 84), ML, Bloom 7, Bush 6 ft. Rich, glowing garnet. Large blooms of poinsettia form are held on long stiff stems on strong plants.

JERSEY MAID (Dahl 85), M, Bloom 3, Bush 3 ft. An exquisite bi-color. Clear bright lemon yellow and white. Uniform flowers. Excellent keeper.

KOKETTE (Holl 85), E, Bloom 3, Bush 3 ft. Currant red heavily tipped light primrose. Profuse, non-fading and very striking.

Root, .75; Pot Root, .75

LITTLE AMERICA (Dahl 85), M, Bloom 5, Bush 5 ft. An outstanding and artistic white. Petals roll forward. Stems long and erect. Excellent keeping qualities. Very showy in the garden.

LUCY (Dahl 85), E, Bloom 4½, Bush 3 ft. Dainty and appealing pastel mauve, really a clear light lavender. Early and blooms profusely through the entire season. Beautiful in the garden.

MARSHALL'S GLORIA (Che 85), M, Bloom 4½, Bush 3 ft. Striking bi-color of cardinal red with a white stripe in the center of petal. Rugged grower. Petals curl.

SNOW PRINCESS (Wolff 85), E, Bloom 4½, Bush 4 ft. Glistening white. Wonderful long straight stems. Early and fine for exhibiting.

TEMPTATION (Dahl 85), E, Bloom 4½-5, Bush 4 ft. This fine scarlet red Single is almost identical to a poinsettia in color and form. A good open grower with long stems. Fine for cutting.

ABOVE SINGLE DAHLIAS except where noted. Roots, .75



DELIGHT



PINK SPANGLE



EASTER GREETING

COLLALETTE DAHLIAS

CLAIRE DE LUNE (85), E, Bloom 3, Bush 2½ ft. Sulphur yellow with a creamy collar. Good stems and profuse.

COTTONTAIL (Holl 85), M, Bloom 4, Bush 4½ ft. Deep pansy purple with a purple and white collar.

DELIGHT (Dahl 85), 1959, E, Bloom 4, Bush 2½ ft. A wonderful addition in this class. Mallow purple or mauve with darker shadings and lighter at center and tips with a pure white collar. Profuse, good grower and a real delight. Root, \$1.50; Pot Root, \$1.00

ESTHER (Aust 85), L, Bloom 4, Bush 3 ft. Lovely scarlet with gold tipping. Collar petals clear yellow.

FILLE (Boston 85), E, Bloom 5, Bush 4 ft. Bright yellow with self-colored collar. Fine for garden or shows.

HERALD (Holl 85), E, Bloom 3½, Bush 2½ ft. Pure white with white collar. Wonderful stems for cutting. Fine grower.

IAN (Aust 86), E, Bloom 4, Bush 2 ft. Tyrian purple with pure white collar. One of our best. Fine stems and healthy grower.

LIBRETTO (Holl 85), M, Bloom 4, Bush 4 ft. Deep velvety maroon with white collar. Pointed petals, fine stems, healthy grower.

MUSIC (Tops 85), EM, Bloom 4½, Bush 3 ft. Pansy or peony purple edged lighter. Even the white collar petals are striped pansy purple. Most interesting.

NEEDLES (Dahl 86), E, Bloom 4½, Bush 4½ ft. Most striking variegated white suffused, striped and speckled peony purple with collar petals same color. A strong bush with wonderful stems. Profuse and fine for cutting. Certified at L.I.

ORANGEADE (Dahl 85), EM, Bloom 4½, Bush 4 ft. Orange with a deeper collar. Excellent keeper, profuse and uniform in size. Strong stems.

PEACE (85), E, Bloom 3½, Bush 5 ft. Beautiful orchid or petunia purple shading lighter with a definite white collar. Most striking. Plant, \$1.00

PINK SPANGLE (Prem-Dahl 86), E, Bloom 4, Bush 2½ ft. The only all pink collarette we know of. Quantities of soft rhodamine pink blooms on low growing bushes. Good strong stems. Outstanding for arrangements and exhibition. Root, \$1.00; Pot Root, .75

SCARLET PRINCE (Aust 85), M, Bloom 3, Bush 2½ ft. Bright Scarlet with large scarlet and yellow collar. Very uniform and showy.

SPARKLE (Dahl 85), E, Bloom 3½, Bush 2½ ft. Pure white. Long straight stems. Beautiful bush. Easy to grow.

SUNSET (Aust 85), E, Bloom 4, Bush 3½ ft. Scarlet edged mimosa yellow with yellow collar petals. Very profuse on strong stems.

TRIBUNE (Dahl 85), M, Bloom 5, Bush 4 ft. Deep rich Tyrian purple with white collar petals edged carmine. Fine for cutting. Blooms from early until frost on strong erect stems.

ALL COLLALETTE DAHLIAS ON THIS PAGE, EXCEPT WHERE NOTED Root, .75

DWARF DAHLIAS

A wonderful race of dahlias that has attracted much attention in our fields. They are particularly adapted for landscape planting in beds or borders as they start blooming early in the summer when about one foot high and bloom continuously until frost, growing to about 2 feet in height. These dwarf dahlias are very useful for forcing in pots indoors.

BLOODSTONE (Aust 85), FD, EM, Bloom 4 x 2, Bush 2 ft. Blood red that does not fade. Attractive for beds and landscape plantings. A few green centers early and then perfect to the end of season. Root, .75

EASTER GREETING (Deegan), SC, E, Bloom 4 x 1½. The original variety of this type. May be grown in pots as a blooming plant, or for cutting. White with creamy cast. Root, .75

ELSIE, SC, E, Bloom 4½ x 2½. Soft peach red shading to lemon yellow at center. Fine form. One of the best. Root, .75

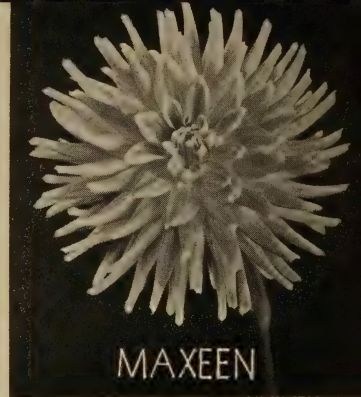
FRED SPRINGER, FD, M, Bloom 6 x 3, Bush 2½ ft. Rich scarlet. Very effective bright fern-like foliage. Larger than the other Dwarfs. Root, .75

G. H. GARSIDE, ID, E, Bloom 3½ x 1½. This is a fine English bedder of rose red. Early, profuse and colorful. Root, .50

JESCOT KITTY, ID, E, Bloom 3½ x 2. Another bedder in Orient red that is just covered with blooms the entire season. Root, .50

NICKIE (Dahl 85), StC, E, Bloom 4-5 x 3. This finest of all yellow dwarfs is a lovely Cactus, perfect in form. Truly dwarf with bushes 18 inches high. Blooms keep well on the bushes and when cut. Holds perfect form throughout the season. Plant, \$1.00

RED SPARKLE (Ludwig 85), IC, E, Bloom 4½ x 3, Bush 2½ ft. Lovely Orient red, fine for bedding. An early and incessant bloomer. Root, \$1.00



ANEMONE DAHLIAS

BEB (Holl 85), E, Bloom 2½, Bush 1¼ ft. Amber yellow with considerable rose suffusion. One of the best of the anemones.

BRIDESMAID (Holl 85), E, Bloom 3 x 2, Bush 1½ ft. Pure white ray florets and cushion. This variety stands the heat and blooms very satisfactorily.

COMET (Holl), M, Bloom 4 x 2½, Bush 2½ ft. Deep cardinal shading chrysanthemum crimson. A very unusual flower with a multitude of pointed tubular florets, giving the flower depth and size.

HONEY AN., E, Bloom 3, Bush 1 ft. Appealing straw yellow suffused rose. Good grower.

SIEMEN DOORENBOS (Holl 85), E, Bloom 3, Bush 1 ft. Amaranth rose with cushion almost white. Much lighter than Vera.

VERA (Dahl 85), 1953, E, Bloom 3½ x 2, Bush 1½ ft. A stunning lavender sport of Vera Higgins. Color is phlox purple with lighter shadings and the cushion tips are lighter. Wonderful for arrangements.

VERA HIGGINS (Ball 84), E, Bloom 3 x 2, Bush 1½ ft. Disc petals are a light cadmium and coral pink while the flower in general is apricot suffused rose. A free bloomer. Stems good.

ALL ABOVE ANEMONE DAHLIAS

Root, .75

MINIATURE STRAIGHT CACTUS DAHLIAS

BELLE (Aust 85), E, Bloom 4 x 3, Bush 2½ ft. Clear bright primrose yellow. One of the best miniature yellow cactus to date. Fine for exhibition and beautiful in the garden.

Root, .75

BEN GLENN (Aust 85), E, Bloom 3 x 1¼, Bush 3½ ft. Lovely light primrose yellow of pleasing form, smaller than Belle. Real early and most satisfactory.

Root, .75

DIANA MAXINE (Aust 85), EM, Bloom 4 x 2, Bush 2½ ft. Lovely light primrose yellow of good form. Nice compact bush. Very pleasing.

Root, .75

GORGEOUS (85M), EE, Bloom 4 x 3, Bush 3 ft. As picture shows it is StC but is inclined SC and changes with the season. Mallow purple shading lighter at center. Many petals and really gorgeous for cutting.

Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

HAZEL HARPER (Harper-Rock 86), M, Bloom 3½ x 2, Bush 3 ft. A most pleasing and outstanding Rhodamine pink shading lighter at center and tips. Certified at 5 Trial Grounds. Won the Derrill W. Hart Memorial Medal.

Root, \$1.00

ISA (Aust 85), E, Bloom 3½ x 1½, Bush 3 ft. Light primrose yellow. Very nice form with lovely fine petals. Stems are wonderful. Excellent root maker.

Root, .75

KENSINGTON ROYAL (Aust 85), EM, Bloom 4 x 2½, Bush 3½ ft. Attractive bright cardinal or chrysanthemum crimson. Uniform blooms with full centers. Fine stems.

Root, \$1.00

LITTLE MISS PRIM (Dahl 84), E, Bloom 2½ x 1½, Bush 1½ ft. Dainty rose pink lightening toward center and tips. Exquisite and appealing. Dwarf bush with long stems. Very profuse, although at times open centered.

Root, \$1.00

LITTLE PEACHES (Vanderheid-Kemp 85), M, Bloom 3½ x 1½, Bush 3 ft. A pleasing salmon pink, suffused rose pink. Long wiry stems, and a prolific bloomer. Easy to grow.

Root, .75

MAXEEN (Aust 86), IC, E, Bloom 4 x 2½, Bush 3½ ft. An Incurved Miniature Cactus is most unusual, especially a bi-color. Rose red with white tipping. Incessant bloomer and wonderful grower.

Root, \$1.00; Pot Root, .75

PAM McDONALD (Aust 85), M, Bloom 3½ x 1½, Bush 3 ft. Very pretty straw yellow suffused Jasper red, darker than Bronze Princess. Profuse. Good stems and bush growth.

Root, \$1.00

PAUL ROBERTS (Aust 85), M, Bloom 3½ x 2½, Bush 4 ft. Very pleasing soft Tyrian pink with yellow at base of petals. Fine form and good healthy grower.

Root, \$1.00

RUBY CHARM (Haugh-Rock 85), ML, Bloom 4 x 2, Bush 4 ft. Lovely cherry red. Good substance, fine for exhibiting and cutting. Derrill Hart Medal.

Root, \$1.00

SANDRA BROOMLEY (86M), ML, Bloom 3½ x 2, Bush 2 ft. One of the most outstanding 1958 Introductions. Yellow heavily suffused and tipped scarlet. A winner on the exhibition table and showy in the garden.

Root, \$1.00; Pot Root, .75

SNOWCLOUD (Aust 86), M, Bloom 4 x 2, Bush 2 ft. One of the best all around whites for cutting and exhibiting. Excellent bush growth, profuse with very full centers.

Root, .75



ANTHONY HUNT



BRONZE PRINCESS



HILLCREST
PINKS

MINIATURE SEMI-CACTUS DAHLIAS

ANDRIES' ORANGE (Andries 85), EM, Bloom $3\frac{1}{2} \times 2\frac{1}{2}$, Bush 3 ft. Clear bright orange. Stems perfect and flowers of excellent form. Many winnings. One of the best. Root, .75

ANTHONY HUNT (Aust 85), E, Bloom $4 \times 2\frac{1}{2}$, Bush $4\frac{1}{2}$ ft. A most pleasing Neyron rose shaded China rose with lighter tips. Wonderful stems and prolific bloomer. Root, \$1.00

BARBARA (Aust 85), E, Bloom $3\frac{1}{2} \times 2\frac{1}{2}$, Bush 4 ft. Lovely lavender described as phlox purple with lighter reverse showing at tips making it appear to be a bi-color. Very profuse. Good branching habit. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

BERNARD BURKE (Aust 85), E, Bloom $3\frac{1}{2} \times 2$, Bush $4\frac{1}{2}$ ft. Lovely vermilion. Outstanding in form and color. Beautiful bushes. A favorite red Miniature Cactus. Root, .75

BRONZE PRINCESS (Aust 85), EM, Bloom $3\frac{1}{2} \times 2$, Bush $4\frac{1}{2}$ ft. Beautiful soft apricot with petals edged jasper red. Long stiff stems. Good grower. One of the best. Root, \$1.00

BRUCE WARK (Aust 85), M, Bloom $4 \times 2\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Good clear yellow with deep, beautifully formed blooms of many petals. Good stems and excellent grower. A real acquisition. Root, \$2.00; Plant, \$1.00

BUGG'S BUNNY (Bugg-Dahl 85), 1957, E, Bloom $4 \times 2\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. An adorable blend of light carmine rose shading to light mimosa yellow at base of petals. Good wherever grown or shown. Always full centers. Root, \$1.50

CARESS (Aust 85), E, Bloom $4 \times 2\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Persian rose blended or shaded amaranth rose, lighter at center. Fine form with full centers all season. Very pleasing here. Root, \$1.00

FUCHSIA GEM (Lake 85), E, Bloom $3\frac{1}{2} \times 2$, Bush 3 ft. Bright amaranth purple. Prolific and graceful. Won the Derrill Hart Medal. Good grower with fine stems. Root, .75

GINNY JOHNSTON (Johnson 85), 1957, EM, Bloom $3\frac{1}{2} \times 1\frac{1}{2}$, Bush 3 ft. A dark blend of rose red with gold and buff at base of petals. Produces an abundance of exhibition blooms. Won A.H.A. medal, 2 A.D.S. Awards. Root, \$1.00; Pot Root, .75

HELEN SOUTH (Aust 85), M, Bloom $4 \times 2\frac{1}{2}$, Bush 3 ft. Rich ruby red. Good grower and most attractive. Has little competition. Root, \$1.00

HILLCREST BEACONETTE (86), EE, Bloom $4 \times 2\frac{1}{2}$, Bush 4 ft. Bright turkey red. Centers always full and extra early. Nice long stems. Open bush growth and a real cut flower. Root, \$1.50; Pot Root, \$1.00

HILLCREST PINKS (Aust-Madison 85), EE, Bloom $4 \times 2\frac{1}{2}$, Bush 4 ft. Very lovely amaranth rose suffused and heavily tipped roseine. Perfect form and good grower throughout the season. A miniature we are proud to list. Root, \$2.00; Pot Root, \$1.50; Plant, \$1.00

HONEYMOON (Aust 85), M, Bloom $4 \times 2\frac{1}{2}$, Bush $4\frac{1}{2}$ ft. Lively pure orange. A Straight Cactus part of the season with some green centers early but always full. Good grower and excellent bloomer. Root, \$1.00

JANIS (Aust 85), EM, Bloom $4 \times 2\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Disbudded will grow well over 4 inches in size. In the lavender class although the color chart description is mallow purple. Compact and pleasing bush growth. Very profuse. Root, .75

JOAN FERGUSON (Aust 86), E, Bloom $4 \times 2\frac{1}{2}$, Bush 4 ft. Unusual marigold orange with soft delft rose suffusion at tips. Perfect form and good bloomer throughout the season. Pot Root, \$2.25; Plant, \$1.50

JOHNNIE K (Lake 85), L, Bloom 4×3 , Bush 3 ft. Fine ruby red. Unique form and good grower. On 3 Honor Rolls. You will like it. Root, .75

KOSCIUSKO (Aust 86), EM, Bloom 4×2 , Bush $3\frac{1}{2}$ ft. The best pure white SC with beautiful pointed petals. Good grower with long stems. Fine for cutting and exhibiting. Root, \$1.00

LITTLE DIAMOND (Holl 85), EM, Bloom $4 \times 2\frac{1}{2}$, Bush 3 ft. Violet rose with sulphur yellow shadings at center. Wonderful form and perfect stems. Root, .75

LITTLE SHEIK (85), E, Bloom 4×2 , Bush 2 ft. Outstanding white with cherry red stripe on each side of every petal. Good full centers. Sometimes runs a little large for exhibition. Good stiff stems on dwarf bushes. Root, \$1.00

MARJORIE LAWRENCE (Aust 86), M, Bloom $4 \times 2\frac{1}{2}$, Bush $3\frac{1}{2}$ ft. Coral pink with gold shadings. Truly great and recommended for exhibition or garden. Root, \$1.00

MISS MOLLIE (Eddins-Rus 85), 1957, L, Bloom $3\frac{1}{2} \times 2$, Bush $2\frac{1}{2}$ ft. Cyclamen purple with fine white tips and yellow at base of petals. Achievement Medal and 2 trial ground certificates. Root, \$1.00

MRS. J. ROBERTSON (Aust 85), ML, Bloom $3\frac{1}{2} \times 2\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Pastel mauve with cream shadings at center and tips. Excellent form and very pretty. Winner of many championship Awards. Root, \$1.00

PINK LADY SC (Aust 85), M, Bloom 4×2 , Bush 3 ft. Fuchsine pink, one tone. Really attractive and useful. Fine grower and profuse bloomer. Root, .75



TREASURE



LOOK



BEATRICE

MINIATURE SEMI-CACTUS DAHLIAS—Cont'd

RAEWYN LESLIE (Aust 86), EM, Bloom 4 x 2, Bush 3½ ft. Cream distinctly edged and tipped magnolia purple. Unusual and very showy. Good grower. A favorite here. Root, \$1.00; Pot Root, .75

RUBY PART (Aust 85), M, Bloom 4 x 2, Bush 2½ ft. Lovely light phlox purple which is a soft mauve, with darker stripings. Fine form for exhibition. Good stems and bush growth. A favorite. Root, \$1.00; Pot Root, .75

SCAMP (86), EE, Bloom 4 x 3, Bush 3½ ft. Outstanding primrose yellow heavily tipped magenta or fuchsia purple. Excellent for cutting or exhibiting. A very showy bi-color. Plant, \$1.00

SNOWSPRITE (Shee-Dahl 85), EM, Bloom 3½ x 2, Bush 3 ft. Beautiful glistening white. Uniform blooms of fine form are held well above the robust bushes in marked profusion. Root, .75

SUNRISE (Aust 85), E, Bloom 4 x 2, Bush 3 ft. Primrose yellow with empire yellow edging. Will grow over 4 inches at times but really a beautiful sight in the garden and fine for cutting. Root, .75

TJISKE (Aust 85), E, Bloom 3½ x 2, Bush 3 ft. Beautiful light blend of mimosa yellow delicately marked and flecked amaranth rose, slightly variegated. Uniform, profuse, and most attractive. Root, .75

TREASURE (Mason Dahl 86), M, Bloom 3½ x 2, Bush 2½ ft. Really a little treasure in an even tone of Tyrian pink. Not just another pink, but really dainty and beautiful. In full bloom all season and even liked our hot summer. Blooms have many petals and full centers to the end of the season. Wonderful for the garden and cutting and just right for exhibition. Scored 85 at the Ga. Trial Grounds. Root, \$1.50; Pot Root, \$1.00

TULLANA (Aust 85), EM, Bloom 4 x 2, Bush 3 ft. White suffused Persian rose and tipped fuchsia purple. Unusual and most attractive. Strong, healthy grower. Can be disbudded and grown as a BB. Root, \$1.00

VICKIE (Aust 85), ML, Bloom 4 x 2½, Bush 3½ ft. White lightly suffused amaranth rose with light purple stripes. Unusual color in the light blends. Good grower. Very popular. Root, .75

WARREN GOODWIN (Aust 85), L, Bloom 4 x 2, Bush 3 ft. Cherry red with some gold at the base of petals. Pretty well-formed flower. Good stems. Root, .75

WOODLEIGH (Aust 85), E, Bloom 4 x 2, Bush 3 ft. Most pleasing Orient red. Wonderful for cutting. Prolific and early. Root, .75

MINIATURE INFORMAL DECORATIVE DAHLIAS

DOVE (Dove-Dahl 85), E, Bloom 4 x 2, Bush 3½ ft. A lively Tyrian purple according to color chart, however Classified dark red. Just a mass of blooms all season. Strong wiry stems. Root, .75

FOREST FIRE, JR. (Dahl 85), E, Bloom 3½ x 1½, Bush 4 ft. Amber yellow, suffused and veined soft cardinal. Blooms all season. Good stems and bushes. Root, .75

JUBILANT (Dahl 86), E, Bloom 3 x 2, Bush 3½ ft. Soft cherry red, inclined orange, with a lighter reverse. Makes a bright spot in any garden. The first dahlia winning the Derrill Hart Medal. One of our best, and blooms incessantly. Root, \$1.00

LOOK (Bugg-Dahl 85), M, Bloom 3 x 2, Bush 3½ ft. Lively carmine and white consistent bi-color. Early and profuse with perfect centers until frost. Very striking. Root, .75

RALEIGH (Draper San 85), M, Bloom 3½ x 2, Bush 4 ft. Deep rose shaded salmon. Strong rugged bushes. Fine for arrangements and cutting. Root, .50

MINIATURE FORMAL DECORATIVE DAHLIAS

AGATHA (Frank-Dahl 85), E, Bloom 2-2¼ x 1½, Bush 2 ft. This truly small clear white formal miniature has won wherever shown. Prolific with an abundance of blooms. Pleasing in the garden as well as on the show table. Root, \$1.00; Pot Root, .75

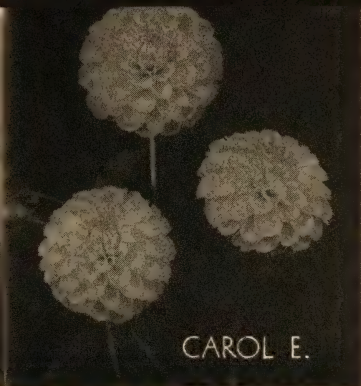
AUTUMN QUEEN (Lewis-Dahl 86), E, Bloom 2½ x 2, Bush 3 ft. Lively orange buff shaded Spanish orange at center. Good stems on low growing bush and masses of blooms with full centers from early to late. Good root maker. Certified E. Lansing. Root, .75

BEATRICE (Olsen-Dahl 86), 1959, E, Bloom 3 x 1¾, Bush 4 ft. The Derrill Hart Winner for small flowering dahlias certifying in Calif., Mid-West, Southern and Eastern Trial Grounds. Named for Henry Olsen's wife. Lovely phlox purple flecked and striped fuchsia purple. Beautiful bush, profuse. The best variegated MFD winning 3 A.D.S. Gold Medal Certificates, an A.D.S. Trophy and many Tricolors. Don't overlook this novelty. Root, \$3.00; Pot Root, \$2.25; Plant, \$1.50

BITTER SWEET (Lake 85), EM, Bloom 4-4½ x 3, Bush 3 ft. Light marigold orange with lighter reverse. Strong stems. Fine for cutting. Root, .75

BO BO (Frank-Rock 85), E, Bloom 2 x 1½, Bush 4 ft. Bright primrose yellow suffused rose red. Long stems and good form. Excellent for arranging. Root, .50

BUCKEYE BABY (Gold 85), E, Bloom 2½ x 2, Bush 2½ ft. Golden buff lightly shaded red on reverse. Blooms are early, uniform and plentiful. Fine for cutting. Sturdy bushes. Root, .50



CAROL E.



CATHERINE



ELSIE A.

MINIATURE FORMAL DECORATIVE DAHLIAS—Cont'd

CAROL E. (Frank-Dahl 85), 1957, E, Bloom $2\frac{1}{2} \times 2$, Bush 3 ft. Primrose yellow. Wonderful grower. Winner of trophy in New York and Washington. Excellent for cutting or exhibiting. Root, \$1.00

CAROLYN NANCE (Aust 84), EM, Bloom 3×2 , Bush $2\frac{1}{2}$ ft. Fuchsia purple shading lighter. Good form. Full centers, profuse and lots of color throughout the season. Rugged bush. Root, .75

CATHERINE (Schimpf-Dahl 85), E, Bloom $2\frac{1}{2} \times 1\frac{1}{2}$, Bush 4 ft. A stunning variegated, white heavily suffused mauve, striped and speckled Dianthus purple. Healthy bush and wonderful bloomer. Root, \$1.00

CHERYL ANNE (Ahl-Dahl 85), E, Bloom $2\frac{1}{2} \times 2$, Bush $3\frac{1}{2}$ ft. Light primrose yellow, with each petal edged lighter. Perfect stems. Wonderful bush growth and myriads of blooms. A real winner. Root, .75

CONCHITA (Robens 85), 1959, E, Bloom $3\frac{1}{2} \times 2$, Bush 3 ft. Clear even Rhodamine pink, fine form, good centers and a very attractive variety. Plant, \$1.00

ELSIE A. (Frank-Dahl 85), 1957, M, Bloom $2 \times 1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Orient red. Beautiful form with notched petals and bloom fully completes. Winner of many prizes. Good for cutting as well as exhibiting. Root, \$1.00

FUNNY FACE (Wilson 85), M, Bloom $2\frac{1}{2} \times 2$, Bush 4 ft. A clean cut bi-color, bright scarlet red with a distinct white tip on each petal. Uniform in size, form and color. Most attractive. Root, .50

GLACIER (Dahl 85), E, Bloom 4×3 , Bush $3\frac{1}{2}$ ft. A pure white ball shaped FD. Excellent for cutting and a wonderful keeper. A miniature when grown small. Disbudded grows about 5 inches. Certified at N. J. trials. Root, \$1.00

H. J. WARRELL (Aust 85), E, Bloom $3\frac{1}{2} \times 2\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Neatly formed Tyrian pink with a touch of yellow at base of petals. Good grower that stands the hot weather. Very striking and one we recommend. Root, \$3.00; Plant, \$1.50

IKE (Lake 85), M, Bloom $3\frac{1}{2}-4\frac{1}{2} \times 2$, Bush 3 ft. Blood red blooms with many serrated petals. Fine for cutting and exhibiting. Does well in the South. Root, .50

JEALOUSY (Aust 85), E, Bloom 4×2 , Bush 3 ft. An unusual flame blend of Egyptian buff with center and tips of fire red. Beautiful bush for garden or landscape with multitudes of blooms for cutting. Root, .75

JO (Cook-Dahl 86), E, Bloom $3\frac{1}{2} \times 2$, Bush 3 ft. Lovely petunia purple, early and profuse. Our best purple Miniature Formal Decorative. Certified at New Jersey Trials. A good grower. Root, \$1.00

JOHNNIE CASEY (Lake 85), EM, Bloom $3 \times 2\frac{1}{2}$, Bush 3 ft. Seedling of Little Nemo of Orient red with generous white tips. Profuse and popular. On 4 Honor Rolls. Root, .75

LITTLE JERRY (Lake 85), E, Bloom $3 \times 1\frac{1}{2}$, Bush $3\frac{1}{2}$ ft. Dianthus or peony purple with a velvet sheen. Blooms keep well and are most profuse. Root, .50

LITTLE LEMON DROP (Lake 85), E, Bloom 3×2 , Bush 3 ft. Intense lemon yellow, fine for cutting or exhibiting. A prize winner. Root, .50

LITTLE SPECKLES (Lake 85), 1957, M, Bloom $3\frac{1}{2} \times 2\frac{1}{4}$, Bush 4 ft. Striking variegated of white splashed with lavender and purple. Strong stems, good clean growth and very prolific. On all 4 Honor Rolls. Root, \$1.00; Plant, \$1.00

LOVELLE (Aust 85), E, Bloom 4×2 , Bush 4 ft. A nymphaea type with large flat petals. Soft yellow at base of petals shaded amaranth rose. Very pleasing and showy pastel. Root, \$1.00

LUCAS (Aust 85), E, Bloom 3×2 , Bush $2\frac{1}{2}$ ft. A clear Persian rose or mallow purple. Fine form with perfect centers. A very desirable variety. Plant, \$1.00

MISS INNOCENCE (Sparks 85), EM, Bloom $2\frac{1}{2} \times 2$, Bush 3 ft. Pure white of good substance. Early and profuse. Good bush growth. Long strong stems. Fine for cutting. Award of Honor, Georgia. Root, .50

MISS KAREN M. (Jemars 85), E, Bloom $3\frac{1}{2} \times 2\frac{1}{2}$, Bush 3 ft. Intense chrysanthemum crimson. Good grower and sure to please. A real winner. Root, .75

NELLIE SHEE (Gold 85), E, Bloom $2\frac{1}{2} \times 2$, Bush 4 ft. A clear light lavender with long strong stems. Vigorous grower and very prolific. Fine for cutting. Root, .50

PINK LADY FD (DeGroot 85), E, Bloom $2\frac{1}{2} \times 2$, Bush $2\frac{1}{2}$ ft. Deep rose pink with yellow shadings at base of petals. Free blooming. Attractive, uniform flowers that arrange easily. Root, .50

SILVER SPRING (Phillip-Rock 85), E, Bloom $2\frac{1}{4} \times 1\frac{1}{2}$, Bush 3 ft. Beautiful rhodamine pink that made all 4 Honor Rolls, you will like it. Certified at Rutgers. Surely a winner. Root, .75

TIMMIE (Elkins-Rock 85), E, Bloom $3\frac{1}{4} \times 2$, Bush $3\frac{1}{4}$ ft. A pleasing light blend. Soft mimosa yellow heavily tipped Persian rose. Good grower. Root, .75

TROPICANO (Goedert-Dahl), 1958, E, Bloom $3-4 \times 2\frac{1}{2}$, Bush 4 ft. Lovely ball shaped Miniature with pointed petals. Clear primrose yellow with a glistening sheen and excellent substance. Originated in Florida and takes the hot weather. Heavy, insect resistant foliage. Prolific and wonderful for cutting. Root, \$1.50; Pot Root, \$1.00

WHITE FAWN (Dix 85), M, Bloom 3×2 , Bush 4 ft. Popular pure white. Rugged bush, heavy foliage, and prolific. Certified at Storrs and O.V.D.A. Root, .50

ZEST (Goddard-Rock 85), E, Bloom 4×2 , Bush 4 ft. Currant red with white tips. A good grower and root maker producing plenty of good flowers. Root, .75



Exhibition POMPON DAHLIAS

ATOM (Edymel 85), EM, Bloom $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. Fiery red with good form. Small for exhibiting but early and profuse. Very popular. Root, .50

BEATRICE POM (Aust 86), E, Bloom $1\frac{1}{2}$ x $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. Truly beautiful and small rhodamine pink. Profuse and wonderful for exhibition throughout the season. Root, \$1.50; Pot Root, \$1.25; Plant, \$1.00

BETTY ANNE (John 85), EM, Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Soft rose pink inclined to violet rose. Small and uniform. Bush healthy and vigorous. Root, .50

BETTY LOU (Dahl 85), EM, Bloom $1\frac{1}{2}$ x 1, Bush $2\frac{1}{2}$ ft. Lovely sport of Betty Anne. A blend with a blush of soft rose at the base of the petals and edged white. Best in its color. Root, .50

BETTY MALONE (Malone-Dahl 85), EM, Bloom $1\frac{3}{4}$, Bush 3 ft. White evenly tipped violet purple. Profuse. Ideal form and healthy bush. Pot Root, \$1.00; Plant, \$1.00

BURWOOD (Aust 85), EM, Bloom $1\frac{1}{2}$ x $1\frac{1}{4}$, Bush 2 ft. Empire yellow lightly suffused rose. Fine form and good stems. Plant, \$1.00

CLARISSE (85), EM, Bloom $1\frac{1}{2}$ x $1\frac{1}{4}$, Bush $3\frac{1}{2}$ ft. Golden orange flushed red. A winner in the orange class. Colorful for arrangements. Root, .75

DIANA GREGORY (Aust 85), EM, Bloom $1\frac{1}{2}$ x 1, Bush 3 ft. Beautiful form. Peony purple with lighter reverse showing thru. Wonderful for exhibition. Root, \$1.50; Plant, \$1.00

EBONY (John 85), E, Bloom $1\frac{3}{4}$, Bush 3 ft. Black red, darkest of all dahlias. Long strong stems. Blooms form a complete ball. Root, \$1.50; Pot Root, \$1.25; Plant, \$1.00

EILEEN (85), E, Bloom $1\frac{1}{2}$ x $1\frac{1}{4}$, Bush 2 ft. Cream tipped violet. Over 30 years old and still very popular. Beautiful and outstanding. Plant, \$1.00

GOLD DUST (Goddard-Rock 85), E, Bloom $1\frac{1}{2}$ x 1, Bush 2 ft. Very pleasing lemon yellow with Jasper red suffusion on reverse and showing at center. Root, .75

GOLF BALL (Aust 85), EM, Bloom $1\frac{3}{4}$ x $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Straw yellow heavily tipped rose bengal. Plant, \$1.00

HALLMARK (Aust 86), M, Bloom $1\frac{1}{2}$ x $1\frac{1}{4}$, Bush $3\frac{1}{2}$ ft. Wonderful phlox pink to Persian rose. Good pinks in Poms are scarce and we think this one the best. Plant, \$1.00

HONEY (Farnum 85), E, Bloom $1\frac{1}{4}$, Bush 3 ft. Primrose yellow with petals edged red. Free flowering on long stems. Good for cutting. Root, .50

ILA (Aust 86), E, Bloom $1\frac{1}{2}$, Bush 2 ft. Deep oxblood. Bush growth fairly good, and almost all of the blooms are of perfect form. Long strong stems. Root, .75

IRAN (85), E, Bloom $1\frac{1}{4}$ x 1, Bush $2\frac{1}{2}$ ft. Chrysanthemum crimson shading cardinal. Not as dark as Nigger. An exhibition dark red that completes in form and is a fine grower.

Root, \$1.50; Pot Root, \$1.25; Plant, \$1.00

JANIS GOUGH (Aust 86), E, Bloom $1\frac{1}{2}$ x $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. Dark blend of cyclamen purple with yellow at base of petals. Good grower. Really small and wonderful for exhibition. Plant, \$1.00

LADY LOOKOUT (Aust 86), M, Bloom $1\frac{1}{2}$ x $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. Lovely peony purple with lighter reverse. A high scoring exhibition variety.

Root, \$1.00; Pot Root, .75

LAMPE (84), E, Bloom $1\frac{1}{2}$ x 1, Bush $2\frac{1}{2}$ ft. Rose pink with lighter shadings. A little coarse for exhibition but a wonderful cut flower and garden variety.

Pot Root, \$1.00; Plant, \$1.00

LESLIE MARKS (85), E, Bloom $1\frac{1}{2}$ x $1\frac{1}{4}$, Bush 2 ft. We believe this to be the best yellow exhibition Pom. Lovely primrose yellow of perfect form with good stems. Root, \$1.50; Plant, \$1.00

LITTLE WILLO (Aust 85), M, Bloom $1\frac{1}{2}$, Bush 3 ft. White with a creamy cast at the base of each petal. Fine form, very deep. Stems strong and erect.

Root, \$1.50; Pot Root, \$1.25; Plant, \$1.00

MARGARET WILLIAMS (Aust 85), E, Bloom $1\frac{1}{2}$ x $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. Soft mauve with Rhodamine pink suffusions and shadings. Perfect form. Plant, \$1.00

MAUVETTE (86), E, Bloom $1\frac{1}{4}$ x $1\frac{1}{4}$, Bush 2 ft. Pleasing light mauve edged phlox purple. Perfect in form for exhibition and a good grower.

Pot Root, \$1.50; Plant, \$1.00

MISS MARJORIE (85), Bloom $1\frac{1}{2}$ x 1, Bush 2 ft. Pansy purple shading lighter at base of petals. Recommended for exhibition. Root, \$1.00

NERO (Aust 85), E, Bloom $1\frac{1}{4}$ x 1, Bush $3\frac{1}{2}$ ft. A fine quilled well formed small orchid purple. Very satisfactory. Profuse. Root, .50

NIGGER (85), EE, Bloom $1\frac{1}{2}$ x $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. Described maroon to purple madder, almost as dark as Ebony and smaller. Good grower and a real exhibition pom. Pot Root, \$1.50; Plant, \$1.00

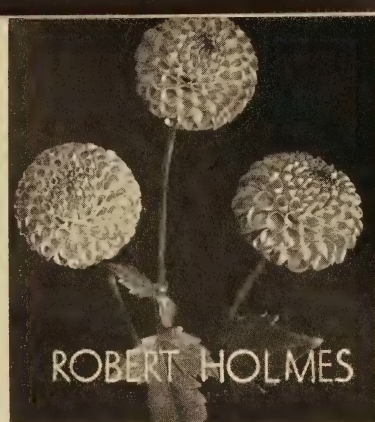
PEE WEE (A & S 85), EM, Bloom $1\frac{1}{4}$, Bush 3 ft. Size and color of Little Edith but stem and petal formation of Honey. Root, .75

ROBERT HOLMES (Aust 86), E, Bloom $1\frac{1}{2}$ x $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. Fuchsia purple shading lighter at base of petals. Another high scoring exhibition purple.

Root, \$1.50; Pot Root, \$1.00

ROSALBA (86), E, Bloom $1\frac{1}{2}$ x $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. White delicately suffused pastel mauve. Wonderful form and perfect centers all season.

Root, \$1.50; Pot Root, \$1.00



POMPON DAHLIAS

Exhibition Varieties—Cont'd

RYDALMERE (85), M, Bloom $1\frac{1}{2} \times 1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. Peony purple with lighter reflex showing. Not the smallest but still fine for exhibiting and cutting.

Pot Root, \$1.25; Plant, \$1.00

SPRING (85), M, Bloom $1\frac{1}{2} \times 1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. A pastel combination of salmon shading to buff. A pleasing, small, well-formed variety.

Root, .75

SWEETIE (John 86), EM, Bloom $1\frac{1}{2} \times 1\frac{1}{4}$, Bush 2 ft. Bright spectrum red of fine form. Strong bush growth, perfect stems. Wonderful for exhibition.

Root, \$1.00

TED THOMAS (86), EM, Bloom $1\frac{1}{2} \times 1\frac{1}{4}$, Bush 3 ft. One of the best lavenders. General color bright amaranth rose, lighter at base of petals and center. Excellent grower.

Plant, \$1.00

THORNLEIGH (Aust 85), E, Bloom $1\frac{3}{4} \times 1\frac{1}{2}$, Bush 2 ft. Soft cyclamen purple. Extra good form and grower. Another well-formed and beautiful variety.

Plant, \$1.00

VELVEETA (86), E, Bloom $1\frac{1}{2} \times 1\frac{1}{4}$, Bush 2 ft. Most striking peony purple or magenta rose with lighter reverse and yellowish white base showing faintly at center. Almost a perfect ball for exhibition.

Pot Root, \$1.25; Plant, \$1.00

WILLO'S VIOLET (Aust 85), M, Bloom $1\frac{1}{2} \times 1$, Bush 2 ft. Dianthus purple with lighter reverse. Fine purple for exhibition.

Root, .75

Cut Flower Varieties

BRONZE BEAUTY, M, Bloom 2, Bush 3 ft. Color golden apricot. A good keeper for cutting.

Root, .50

CHITA (Dahl 85), E, Bloom $1\frac{3}{4}$, Bush 3 ft. Pure canary yellow. Profuse, and blooms keep well. A little beauty. Not temperamental.

Root, .50

EDITH MUELLER (Mueller-Bad 85), M, Bloom $1\frac{3}{4}$, Bush 3 ft. A bright soft apricot suffused peach red. In demand as a cut flower.

Root, .50

FANNY (85), E, Bloom $1\frac{3}{4} \times 1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. Cadmium orange suffused vermilion. Fine color and form for exhibition, only large.

Root, .75

FRAMBOOSJE (Bos 85), E, Bloom $1\frac{3}{4}$, Bush 2 ft. A lovely delft rose of fine form on good stems. Early and profuse. A welcome addition.

Root, .75

LITTLE BUDDY (Lake 85), E, Bloom $2 \times 1\frac{3}{4}$, Bush $3\frac{1}{2}$ ft. A soft lemon yellow that is a wonderful cut flower. Plenty of substance. Profuse and early.

Root, .50

LITTLE DAVID (Twitchett 85), EM, Bloom $1\frac{1}{2}$, Bush 3 ft. Russet orange of almost perfect form. Blooms freely and fine for cutting.

Root, .75

LITTLE JACKIE (85), E, Bloom $1\frac{3}{4} \times 1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. Lovely primrose yellow. Fine form for cutting and exhibition.

Root, .75

LITTLE SNOW WHITE (84) Bloom $1\frac{3}{4}$, Bush 2 ft. A very fine pure white for cutting. Centers full, stems just right and a good grower.

Root, .75

MARY MUNNS (Bolsa 85), M, Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. One of the best in mauve or mallow purple. Good for exhibition or cutting.

Root, .50

MIKE (Boston 84), EM, Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Bright burnt orange, shading lighter at the outer petals. Attractive and jutting with blooms.

Root, .50

MORNING MIST (Bad 85), E, Bloom $1\frac{3}{4}$, Bush $3\frac{1}{2}$ ft. White tipped lavender. Very popular. A fine cut flower with long stems.

Root, .50

MRS. FRENCH (Aust 85), M, Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. A dainty and pretty soft amaranth rose. Blooms evenly quilled with full centers.

Root, \$1.00

RED BABY (Holl 85), E, Bloom $2 \times 1\frac{1}{4}$, Bush 3 ft. Lovely carmine of fine form with notched petals.

Root, .75

RED GLOW (85), Bloom $1\frac{3}{4} \times 1\frac{1}{4}$, Bush $3\frac{1}{2}$ ft. Light cardinal or currant red. Good form but a little large for exhibiting.

Root, \$1.50; Plant, \$1.00

RED WARRIOR (85), E, Bloom $1\frac{3}{4}$, Bush $2\frac{1}{2}$ ft. A fine bright scarlet red. Fine for cutting and exhibiting. Good growth, early and prolific.

Root, .50

SHERRY (85), EM, Bloom 2, Bush $2\frac{1}{2}$ ft. A deep purple, nearly round and very attractive. Bush sturdy, and a very popular variety.

Root, .50

SUNNY DAYBREAK (Keynes 85), EM, Bloom 2, Bush 3 ft. Lemon yellow, heavily tipped cardinal. Flowers of good form.

Root, .50

TINY TOT (85), E, Bloom $1\frac{1}{4} \times 1$, Bush 2 ft. Fine chrysanthemum crimson. Profuse bloomer.

Root, .50

VALDA (85), M, Bloom $1\frac{1}{2}$, Bush 2 ft. Pansy purple with lighter reverse. Fine form and good stems.

Root, .75

YELLOW GEM (McWhirter 84), EM, Bloom $1\frac{1}{2}$, Bush 3 ft. Clear canary yellow. Fine for cutting.

Root, .50

CANADIAN CUSTOMERS

Please obtain your special permit from Secretary, Department of Agriculture, Ottawa, Ont., when ordering dahlias, as we must have the permit mentioned before we can ship your order.



INDEX AND PRICES FOR 1960

ABBREVIATIONS INDICATING CLASSIFICATION TYPE OF FLOWER

An—Anemone	M—Miniature
Ba—Ball	O—Orchid Flowering
Coll—Collarette	P—Peony
Dwf—Dwarf	Pom—Pompon
FD—Formal Decorative	S—Single
IC—Incurved Cactus	SC—Semi-Cactus
ID—Informal Decorative	StC—Straight Cactus

SIZE A—or large, over 8 inches. B—or medium, 6 to 8 inches. M—or miniature, under 4 inches. BB—4 to 6 inches.

— NOTICE —

E M L BLOOMING DESIGNATIONS

To make our catalog more helpful all varieties are keyed just ahead of bloom size as to the relative time they start blooming. E—early, M—medium (mid-season), L—late. By combining E M and M L we have 5 different groups. For those with a short growing season, late varieties should be avoided or started early in cold frames. With a long growing season some of the late varieties are the most satisfactory. In areas normally frost-free from early May to late October, plant the late varieties early while the early varieties can be planted late and bring them into bloom nearer the same time.

Type and color classification in this index are in accordance with the A.D.S. and C.S.D.S. Official Classification list wherever practical. All colors are based on the Dahlidel Color Chart which is official for all dahlia shows.

NOTICE—Before entering any variety in a dahlia show check with current Classification List, as these lists are changed from year to year and if we conform one year it may not conform with the next year's list.

COLORS in this Index have been changed to the A.D.S. and C.S.D.S. official classification, wherever practical. This classification is based on the Dahlidel Color Chart (see page 47).

Au—Autumn Blend, Spanish orange, yellow ochre, burnt orange, buff, tan color cinnamon, terra cotta, and suffusions and blends of such tones with pink and lavender.

Bi—Bi-Color, two or more distinct, clean and separate colors on the face of the floral rays.

Dk R—Dark Red, cardinal red, oxblood red, chrysanthemum crimson.

L—Lavender, phlox pink, rhodamine pink, amaranth rose, mallow purple, pastel mauve, mauve, pastel lilac, pastel lavender.

Lt Bl—Light Blend, includes blends of the lighter tints and tones of pink, yellow, lavender and other pastels. Also varieties in which the central rays are of a different color than the majority of the rays.

Dk Bl—Dark Blend, blends of low brilliance, of dark reds, maroons, purples or other blends tending toward blue with contrasting color or colors.

Fl Bl—Flame Blend, includes blends of shades of red, or orange with yellow and other supplementary colors.

Blend, no clearly distinct color but instead two or more intermingled colors of different color classes which gradually merge but each of which can be distinguished at a distance of six feet. A single color shading lighter does not constitute a blend.

Or—Orange, cadmium orange, apricot, tangerine orange, nasturtium orange, orange chrome, orange.

Pk—Pink, salmon, peach, shell pink, azalea pink, carmine rose, coral pink, Tyrian rose, rose pink.

Pr—Purple, rosy magenta, magenta, Tyrian purple, rhodamine purple, dahlia purple, lilac purple, petunia purple, violet purple, violet.

R—Red, mandarin red, poppy red, brick red, vermilion, jasper red, scarlet, spectrum red, crimson, cherry, currant red.

Var—Variegated two or more distinct colors on the face of the floral rays arranged in dots, flecks, splashes or narrow lines which contrast sharply with the basic color.

W—White, pure white, ivory, cream, faint blushes of other colors.

Y—Yellow, primrose, sulphur, canary, straw, lemon, amber, chrome, and buttercup yellow.

NOTICE

Prices in 1960 catalog are NET and not subject to any wholesale discounts. Quantity Discounts on page 48 cover all dahlia roots, pot roots and plants.

DECORATIVE and CACTUS DAHLIAS

Page		Root	Pot Root	Plant
17	Abe Lincoln—B FD Dk R.	1.00	—	—
12	Ada N.—A SC Pr.	1.00	.75	—
	African Queen—A FD Pr.	.75	—	—
15	Aglow—A ID Au.	1.00	—	—
	Aladin—B ID Var.	1.00	—	—
11	All American—A SC Dk Bl.	.75	—	—
6	Allways—A StC Pk.	1.00	—	—
	Ami Pardieu—B SC Lt Bl.	.75	—	—
	Anne—B IC Red.	1.50	1.00	—
14	Apple Blossom Pink—A ID Pk.	—	—	2.00
8	Apricot Glow—B IC Lt Bl.	1.50	—	1.00
15	Arelida Lloyd—A ID Y.	.50	—	—
	Aristocrat—B StC R.	.75	—	—
20	Arthur Godfrey—A FD Fl Bl.	1.50	—	—
15	Arthur Hambley—A ID L.	3.50	—	1.25
12	Art Linkletter—A SC Y.	3.50	2.50	1.25
	Arubania—B SC Red.	1.00	—	—
6	Aumonier Chandelon—B StC Lt Bl.	.75	—	—
16	Aussie Snowball—A F-ID W.	1.50	1.00	—
14	Autumn Blaze—A ID Fl Bl.	1.50	—	1.00
6	Ballerina—B StC Au.	.75	—	—
	B & B—A FD L.	1.00	—	—
20	Barbarosa—A FD R.	1.00	—	—
6	Barita—B StC Au.	.75	—	—
	Bay City White—A IC W.	1.50	—	—
	Beals Peppermint—B FD Lt Bl.	1.00	—	—
8	Berky—A IC Lt Bl.	10.00	7.50	3.90
8	Beryl Jean—B IC L.	1.00	.75	—
12	Bessie Hardress—A F-ID Lt Bl.	1.00	—	—
	Betty Blossom—B FD Lt Bl.	1.00	—	—
17	Betty Woodruff—A FD Lt Bl.	—	—	1.75
8	Big Mo—A IC Dk R.	1.50	—	—
20	Big Sister—A FD Lt Bl.	2.50	2.00	1.25
	Blackbird—B IC Dk R.	1.00	—	—
12	Black Monarch—A SC Dk R.	1.50	—	—
6	Blaze Away—B StC Fl Bl.	1.00	—	—
8	Blendite—B IC Lt Bl.	.75	—	—
20	Blue River—A FD L.	.75	—	—
11	Bob Hope—A SC R.	2.00	1.50	1.00
10	Bond's Memory—B SC Lt Bl.	1.00	—	—
19	Brides' Bouquet—A FD W.	1.00	—	—
	Brightest Pink—B StC Pk.	.75	—	—
8	Bronze Giant—A IC Au.	1.00	—	—
6	Brown Bomber—A StC Au.	2.00	1.50	1.00
6	Bunny—B StC Y.	1.00	—	—
18	Burnbrae Memories—A FD Y.	—	—	1.00
2	Butch—B ID Y.	—	—	3.50
12	Byamce—B SC Y.	2.00	1.50	1.00
	Caldwell's Show Window—A StC Y.	—	—	1.50
17	Caliente—B FD Var.	2.00	1.50	—
	Carl G. Dahl—A ID Au.	1.50	—	—
17	Carmel Cole—B FD Lt Bl.	—	—	2.00
6	Carnaval—B SC Fl Bl.	1.00	—	—
6	Carol Francis—A StC L.	1.00	—	—
13	Caroline M—A ID Lt Bl.	3.00	2.25	1.50
	Carrie MacAvoy—A SC Lt Bl.	3.00	2.25	1.50
	Catherine Hattwell—B IC Dk R.	.75	—	—
20	Cathone—B FD L.	1.00	—	—
12	Cecil M—A SC Lt Bl.	—	—	3.50
17	Ceramic Beauty—A FD Dk R.	2.00	—	1.00
19	Charles Garrity—A FD Var.	6.00	4.50	3.00
14	Charles K. Shaw—A ID Y.	.75	—	—
12	Charles Ondrick—A SC Dk Bl.	2.00	—	1.00
16	Cherokee Beauty—A ID Pk.	1.50	—	—
	Cherokee Brave—A ID Dk R.	1.50	—	—
14	Cherokee Chief—A ID Pr.	7.50	5.00	3.50
14	Cherokee Maiden—B ID Y.	1.00	—	—
	Cherokee Rose—A ID L.	1.00	—	—
8	Christine Aus—B IC Var.	1.50	1.25	1.00
	Clara Hook—A StC Lt Bl.	.75	—	—
12	Clarian Forever—A ID Pk.	1.00	—	—
13	Clarian Ida—B D Y.	2.50	2.00	—
	Clarian Luray—B FD Pk.	1.00	—	—
8	Clarian Parrish—A IC Pk.	3.00	2.25	1.50
	Clarian Royalty—A StC Pr.	1.50	—	1.00
8	Clarian Splendor—A IC Lt Bl.	1.00	—	—
13	Col. Little—A ID Fl Bl.	—	—	1.00
8	Coral Robinson—B IC R.	1.50	—	—
8	Cornair—B IC Y.	—	—	1.00
17	Cover Girl—B FD Bl.	1.00	—	—
6	Crislene—B StC Lt Bl.	2.00	1.50	1.00
15	Croydon Masterpiece—A ID Au.	1.50	—	—
	Croydon Robyn—A FD R.	1.00	—	—
15	Crystal's Surprise—B ID Var.	1.00	—	—
13	Dahlidream—A ID Au.	1.00	—	—
20	Daily's Gold—B FD Y.	1.00	—	—
6	Dandy Snow—A StC W.	1.50	1.25	1.00
1	Danny—A IC Pk.	15.00	10.00	5.00
	Dark Elegance—A FD Dk R.	—	—	1.50
20	D-Day—B FD Pk.	.50	—	—



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DECORATIVE and CACTUS DAHLIAS				DECORATIVE and CACTUS DAHLIAS					
Page		Root	Pot Root Plant	Page		Root	Pot Root Plant		
6	Debbby-B StC Pk.....	2.00	1.50	1.00	18	Kidd's Climax-A FD Lt Bl.....	1.00	---	---
18	Debut-A FD Y.....	1.00	---	---	2	Kimberley Jewel-B StC Dk Bl.....	---	---	5.00
19	Deep Velvet-B FD Dk R.....	1.00	---	---	18	King David-A FD Pr.....	1.00	---	---
10	Delcie-B SC Lt Bl.....	1.50	---	---	6	King Size-A StC R.....	1.50	---	1.00
	DeMolay-A FD Dk R.....	1.50	---	---	18	Kirsten Flagstad-A FD Au.....	.75	---	---
6	Desiree Draps-B StC Lt Bl.....	.75	---	---	18	Kismet-B FD Pk.....	2.50	2.00	1.25
	Dixie's Wine Pot-A ID Var.....	1.50	---	---	18	Knight's White-A FD W.....	---	---	2.25
19	Don Jose-A FD Or.....	---	---	1.00	9	Koo Rin-B StC Y.....	---	---	2.00
18	Don Quixote-B FD Bl.....	2.00	1.50	1.00	10	Lady in Red-B SC R.....	.75	---	---
6	Dr. Borley-B StC Pr.....	2.00	1.50	1.00	19	Lady Isabelle-B FD W.....	2.00	---	1.00
2	Dr. Charles H. Connors-B SC Pk.....	---	---	3.50	15	Larry Heslin-A ID Var.....	2.00	1.50	1.00
17	Dresden China-A FD Lt Bl.....	1.50	---	---	11	Laura B.-B SC Lt Bl.....	.75	---	---
15	Dr. John F. Morse-A ID Dk R.....	1.00	---	---	9	Leslie V. Dahl-B IC Y.....	2.00	1.50	1.00
11	Dr. Paul Rahn-A SC Pk.....	4.00	---	2.00	17	Lew-A FD L.....	---	---	3.00
19	Duet-B FD Bl.....	1.50	---	1.00	20	Link's Blue Triumph-A FD L.....	.75	---	---
	Duple-A FD L.....	---	---	2.00	12	Lloyd George-A ID Au.....	1.00	---	---
17	Earl Wood-A FD Y.....	1.50	1.00	---	9	L. M. Proops-A IC R.....	3.00	2.25	1.50
6	Edna D.-A StC R.....	2.00	---	1.00	20	Lynndy-B FD Bl.....	1.00	---	---
20	Eileen Lucy-A FD R.....	2.00	1.50	1.00	11	Lynn Elizabeth-B SC Bl.....	1.00	---	---
18	Elaine Butler-A FD Pk.....	1.00	---	---	13	Madonna-A ID W.....	1.50	---	---
11	El Dorado-B SC Bl.....	2.00	1.50	---	9	Maestoso-A IC R.....	.75	---	---
	Ella Bolster-A SC Y.....	1.00	.75	---	7	Maffie-A SC R.....	1.00	---	---
18	Ellie May-B FD R.....	2.50	2.00	1.25	6	Magnetic-B StC Y.....	1.00	---	---
12	Elsie B.-A SC Lt Bl.....	3.00	---	1.50	9	Marcia Janette-B IC L.....	1.00	---	---
18	Emma Caroline-A FD W.....	1.00	---	---	7	Margaret Jardine-B StC Fl Bl.....	1.50	1.25	1.00
12	Empire State-A SC Lt Bl.....	1.00	---	---	12	Margaret Templeton-A ID W.....	1.00	---	---
19	Esther Blanche-A FD W.....	5.00	---	2.25	7	Marie Alying-A ID Pk.....	1.00	---	---
14	Eva Stamford-A ID Lt Bl.....	1.00	---	---	18	Marilyn Dale-A SC L.....	1.00	---	---
	Fairy Queen-B FD W.....	1.00	---	1.00	7	Marvelous-B StC Pk.....	1.00	---	---
11	Faithful-A SC W.....	1.00	---	---	19	Mary Black-A FD Y.....	2.00	1.50	1.00
18	Fay-A FD L.....	1.00	---	---	13	Mary Elizabeth-A ID R.....	1.00	---	---
11	Firegleam-B SC Lt Bl.....	.75	---	---	19	McDonald Quill-A FD Bl.....	1.00	---	---
17	First Lady-B FD Y.....	2.00	1.50	1.00	13	Michael Black-A ID Pr.....	1.00	---	---
20	Five Star General-A ID FD Lt Bl.....	1.00	---	---	11	Michigan White-B SC W.....	1.00	---	---
	Flash-B IC Bl.....	1.00	---	---		Milton J. Cross-A ID Y.....	.75	---	---
14	Flying Saucer-A SC Lt Bl.....	2.00	---	1.00	10	Minnehaha-B SC L.....	---	---	2.50
10	Forest Fire-A ID Fl Bl.....	.75	---	---	15	Minnora-A ID Dk Bl.....	.75	---	---
10	Fresco-A SC Pk.....	1.00	---	---	9	Miranda-B IC Pk.....	2.00	---	1.00
19	Gen. Eisenhower-A IC R.....	1.50	1.25	1.00	11	Miss Elsie Jane-B SC Lt Bl.....	.75	---	---
14	Geo. Wilson-A FD L.....	1.00	---	2.50	2	Miss Patricia Murphy-A ID Or.....	.75	---	5.00
10	Giant Beauty-A ID Dk Bl.....	1.00	---	---	13	Mme. Chiang Kai Shek-A ID Au.....	.75	---	---
10	Giant of Baarn-A SC R.....	.75	---	---	19	Mrs. E. J.-B StC Lt Bl.....	1.00	---	---
13	Giant Spider-A SC R.....	1.00	---	---	16	Mrs. Eric Halford-B FD Bl.....	.75	---	---
	Glamour-A ID Pr.....	1.00	---	---	16	Mrs. Geo. LeBoutillier-A ID R.....	.75	---	---
10	Gloria-A FD L.....	1.50	---	---	14	Mrs. Hester A. Pope-A ID Dk R.....	1.00	---	---
10	Glorious-B SC Y.....	1.00	---	---	16	Mrs. H. V. Cooper-A ID R.....	---	---	1.50
8	Gold Coin-A IC Y.....	2.00	1.50	1.00	13	Mrs. K. C. Li-A ID Au.....	4.50	3.00	---
8	Golden Dust-B IC Or.....	1.50	---	---	20	Mrs. McCartney-B FD Pr.....	2.00	1.50	1.00
15	Golden Jupiter-A IC Lt Bl.....	.75	---	---	18	Mrs. Willicombe-B IC R.....	.75	---	---
15	Golden Prince-A ID Or.....	1.50	---	---	2	Muffie-B FD Y.....	---	---	2.00
	Golden Sheen-A SC Au.....	.75	---	---	2	My Doris R-A ID Y.....	5.00	---	2.00
20	Golden Treasure-B FD Au.....	1.00	---	---	15	Nancy C. Scharhag-A ID Var.....	1.00	.75	---
6	Good Catch-A SC Y.....	1.00	---	---	19	Narrabri-A FD Y.....	1.00	---	---
6	Good Earth-B StC Pk.....	1.00	---	---	16	Nearest Blue-A ID L.....	1.00	---	---
	Goody-B IC Pk.....	5.00	---	2.50	16	Ned Seymour-A ID Fl Bl.....	3.00	2.25	1.50
8	Graf Folke Bernadotte-A SC W.....	1.00	---	---	11	New Look-A SC Y.....	1.00	---	---
8	Grandezza-B IC Dk R.....	.75	---	---	7	New Titan-A ID L.....	---	---	1.50
8	Grandmaster Berger-A IC Pk.....	.50	---	---	16	Nita-B StC Var.....	3.50	---	1.50
11	Grete-B SC Red.....	1.00	---	2.25	18	Noelle Watson-A FD Lt Bl.....	1.00	---	---
17	Helen West-A FD Pk.....	1.00	---	---	9	Nutley Sunrise-B IC Dk Bl.....	3.00	2.25	1.50
11	Hillcrest Gratiuity-A SC Au.....	1.00	---	---	9	Oakleigh Champion-A IC Au.....	.75	---	---
11	Hollywood Star-A SC Pr.....	1.00	---	---	16	Ogden Reid-A ID Pk.....	1.00	---	---
16	Honey Bear-A ID Or.....	2.50	2.00	1.25	17	Old Glory-B FD Bl.....	1.50	1.25	1.00
2	Hopeful-A FD L.....	1.50	---	5.00	19	Otto's Thrill-A FD Pk.....	1.50	1.00	---
8	Ida Bernadine-B IC Y.....	3.00	2.25	1.50	13	Our Friend-A ID L.....	2.00	---	1.00
8	Imperial-A IC Au.....	2.50	2.00	1.25	20	Paisley Gem-B FD Var.....	1.00	---	---
8	Iva Jean-B IC Bl.....	1.00	---	---	12	Pamela Jane-B ID W.....	1.00	---	---
12	I Walk Alone-B ID Bl.....	1.50	---	---	12	Pam Silk-A SC Lt Bl.....	1.00	.75	---
9	Jan-B IC Lt Bl.....	1.00	---	---	10	Pape's Pink-B SC Lt Bl.....	.75	---	---
15	Jane Cowl-A ID Au.....	1.00	---	---	9	Pari Taha Gold-B IC Or.....	1.50	---	1.00
10	Janet Beckett-A SC Y.....	.75	---	---	9	Patricia Spollen-A IC Au.....	1.00	---	3.50
18	Jeanette-A FD Bl.....	1.00	---	---	15	Pennsylvania-B ID R.....	1.00	---	---
	Jean Trimbree-A SC Pr.....	.75	---	---	2	Permanent Wave-A ID Pr.....	1.00	---	---
16	Jersey Beauty-B FD Pk.....	.75	---	---	9	Phenomenon-A IC Lt Bl.....	1.50	---	1.00
6	Jersey Dainty-B StC W.....	.75	---	---	11	Pink Cloud-A SC Pk.....	3.00	---	1.50
12	Joan Fernz-A ID Y.....	1.00	---	---	14	Pink Elephant-A ID Pk.....	---	---	1.00
10	John Alwyne-B SC R.....	2.00	---	1.00	14	Pink Southerland-B ID Pk.....	1.00	---	---
14	John Butterworth-A ID Lt Bl.....	1.00	---	---		Pinwheel-A IC Au.....	1.00	---	---
17	John Curtin-A FD W.....	1.00	---	1.00		Piquant-B SC Bl.....	1.00	---	---
14	John W. Sherwood-A ID L.....	1.00	---	---	14	Pirate Treasure-A ID Au.....	1.50	---	---
6	Juanita-B StC Dk R.....	2.00	1.50	1.00	20	Polly Bergen-A FD Pk.....	7.50	5.00	2.50
16	Judith Anderson-A FD Dk Bl.....	2.00	---	1.00	11	Prairie Fire-A SC Or.....	2.00	1.50	1.00
19	Judith (Aust)-A FD Y.....	1.00	---	---	19	Prairie Sun-A FD Y.....	1.50	---	---
17	Julia Keech-A FD Dk Bl.....	1.00	---	---	11	Preas' Pride-A SC Bl.....	2.50	---	1.25
17	June-B FD Pk.....	1.00	---	---	14	Premier's Winsome-A ID L.....	1.00	---	---
16	Kelvin-A ID Pk.....	1.00	---	---	7	Pride of Holland-A StC L.....	1.50	---	---
14	Kemp's Purple Triumph-A ID Pr.....	1.50	1.25	1.00	10	Pride of Parkersburg-A SC Y.....	1.00	---	---
16	Kemp's Radiant Beauty-A ID Var.....	1.00	---	---	19	Pride of Rosemont-A FD Pk.....	---	---	2.25
13	Kentucky Lady-A ID Bl.....	1.00	---	---	15	Prince Beautiful-B ID Lt Bl.....	1.00	---	---
2	Kenya-A ID Au.....	15.00	10.00	5.00	18	Purple Mist-A FD Pr.....	1.00	---	---



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			Root				Root
20	Ray O'Sullivan-A FD Pk	1.50	1.00	34	Agatha-M FD W	1.00	.75
10	Ray Smith-A SC L	1.00	—	3	Ambassador Van Kleffens-BB FD Or	.50	—
11	Red Sails-B SC Fl Bl	6.00	4.50	33	Andries Orange-M SC Or	.75	—
10	Red Velvet-A SC Dk R	—	1.00	33	Anthony Hunt-M SC Pk	1.00	—
2	Rees Beauty-B SC Lt Bl	—	3.00	34	Autumn Queen-M FD Or	.75	—
18	Rees Velvet-B FD Dk R	1.00	—	33	Barbara-M SC L	2.00	1.50
7	Renee-B SC Pk	—	1.75	34	Beatrice Min-M FD Var	3.00	2.25
11	Rika Ballin-A SC Y	1.00	—	32	Belle-M SC Y	.75	—
15	Roberta-A ID Yellow	1.00	—	4	Bellingham-BB SC W	1.00	—
10	Robert L. Ripley-A ID L	1.00	—	32	Ben Glenn-M SC Y	.75	—
18	Ron Spurway-B FD R	1.00	—	33	Bernard Burke-M SC R	.75	—
11	Roselyn Straight-A SC Fl Bl	1.00	—	3	Betty-BB FD Lt Bl	.75	—
12	Rosemary J.-B SC Pr	—	2.50	29	Bishop of Llandaff-M P R	.75	—
10	Rothsay Reveller-B FD Bl	1.00	.75	34	Bitter Sweet-M FD Or	.75	—
15	Royal Jester-A ID Pr	2.50	—	34	Bo Bo-M FD Au	.50	—
16	Ruby Hay-A ID Dk R	2.00	—	33	Bronze Princess-M SC Au	1.00	—
10	Rudolph Motznik-A ID L	.75	—	33	Bruce Wark-M SC Y	2.00	1.00
16	Ruffled Giant-A ID Fl Bl	—	1.00	34	Buckeye Baby-M FD Au	.50	—
11	Ruth Alampi-A SC L	2.00	1.00	33	Bugg's Bunny-M SC Lt Bl	1.50	—
10	St. Leonards-A IC R	1.00	—	3	Burnett's Sunrise-BB FD Or	—	1.00
14	Salem Sunshine-A ID Y	1.00	—	33	Caress-M SC L	1.00	—
7	Sam Herst-A SC Y	1.00	—	35	Carol E.-M FD Y	1.00	—
1	San Juan-B SC R	10.00	7.50	35	Carolyn Nance-M FD Pr	.75	—
20	Sarah Carolyn-A FD L	1.00	—	35	Catherine-M FD Var	1.00	—
9	Sarett's Pink Flamingo-A IC Pk	1.00	—	35	Cheryl Anne-M FD Y	.75	—
16	Satan's Disciple-A ID R	1.00	—	35	Conchita-M FD Pk	—	1.00
16	Selene-A ID L	1.00	—	3	Daily's Favorite-BB ID Dk R	1.00	—
13	Sequoia-A ID Y	1.50	1.00	3	Dark Felt-BB SC Dk R	.75	—
7	Shebie-B SC L	.75	—	3	Deuil Du Roi Albert-BB FD Bl	.75	—
10	Sherwood's Peach-A ID Au	1.00	—	32	Diana Maxine-M SC Y	.75	—
20	Showboat-A FD W	2.50	1.25	4	Diana Wilson-BB SC Y	1.00	—
13	Silver Glamour-A ID L	1.00	—	3	Donnie-BB FD Pr	.75	—
15	Silver Lady-A ID Lt Bl	1.50	—	4	Doreen-BB SC L	1.50	1.00
10	Silver Wedding-A SC W	1.00	—	34	Dove-M ID Pr	.75	—
19	Sir Nagel-B FD Bl	1.00	—	4	Edith Humphries-BB SC W	1.00	—
7	Skyrocket-A SC R	1.00	—	4	Ella Cole-BB SC Au	1.00	—
9	Snow Girl-B SC W	1.00	—	35	Elsie A.-M FD R	1.00	—
13	Son of Satan-A IC R	1.50	—	4	Florence McLean-BB IC Au	1.50	1.25
13	Special Award-A ID Fl Bl	—	1.00	34	Forest Fire, Jr.-M ID Fl Bl	.75	—
2	Sulphur Queen-A ID Y	—	5.00	37	Fuchsia Gem-M SC Pr	.75	—
12	Surprise-A SC Pk	2.00	1.50	35	Funny Face-M FD Bl	.50	—
15	Tartan-B ID Bl	1.50	—	3	Gay-BB FD Y	.75	—
10	Ted Lawty-B SC Pr	—	1.25	4	Gay Flame-BB SC R	1.00	.75
15	Terrific-A ID Bl	4.00	3.00	4	Gayness-BB SC R	1.50	1.00
10	Terry-A SC L	2.00	—	4	Geoff White-BB SC Pk	1.00	.75
11	The Cardinal-A SC R	2.00	1.50	33	Ginny Johnston-M SC Dk Bl	1.00	.75
20	The Governor-A FD Y	1.00	—	35	Glacier-M FD W	1.00	—
17	Thelma Davidson-A FD W	—	1.50	4	Gladys Barry-BB SC Lt Bl	1.50	1.00
18	The Marquis-A FD Dk Bl	1.50	1.00	3	Glyndon-BB FD Lt Bl	1.00	—
16	The Master-A ID Au	1.00	—	3	Gold Kathie-BB FD Y	.75	—
16	The Real Glory-A FD W	1.00	—	32	Gorgeous-M SC Y	2.00	1.50
16	The Standard-A ID Y	1.50	—	3	Gypsy Girl-BB FD Var	1.00	—
15	The Volunteer-A ID Pr	1.50	—	32	Hazel Harper-M SC Lt Bl	1.00	—
17	The Whirl-A IC Or	2.00	1.00	33	Helen South-M SC Dk R	1.00	—
17	Thomas A. Edison-B FD Pr	1.00	—	4	Hillcrest Abundance-BB SC L	—	1.50
17	Tiara-A FD Bl	1.50	—	33	Hillcrest Beaconette-M SC R	1.50	1.00
16	Tidal Wave-A ID Y	1.50	—	4	Hillcrest Brilliant-BB SC R	1.50	1.00
2	Tina Marie-A SC Lt Bl	—	5.00	4	Hillcrest Decor-BB SC Dk Bl	1.50	—
16	Titan-A ID L	.75	—	33	Hillcrest Pinks-M SC L	2.00	1.50
14	Tokay-A ID Pr	2.00	1.50	35	H. J. Warrell-M FD Pk	3.00	1.50
14	Tony Hay-A ID Pr	1.00	—	33	Honeymoon-M SC Or	1.00	—
18	Topsy-B FD Bl	2.00	1.50	33	Horizon-BB ID Lt Bl	1.00	—
20	Twilight-A ID Pr	1.00	—	35	Ike-M FD Dk R	.50	—
10	Uchuu-A FD R	4.00	3.00	32	Isa-M SC Y	.75	—
7	Una Gregg-A ID Y	1.50	1.00	33	Janis-M SC L	.75	—
9	Val St. Lambert-B SC Lt Bl	1.00	—	35	Jealousy-M FD Fl Bl	.75	—
7	Variety Girl-B FD Bl	1.00	—	4	Jean Archer-BB SC SC Pk	3.00	1.50
19	Vera Seyfang-A FD L	6.00	4.50	35	Jo-M FD Pr	1.00	—
7	Vermont Belle-A SC Or	—	2.00	33	Joan Ferguson-M SC Or	—	2.25
7	Vermont Sunrise-B SC Au	.75	—	3	Joan La Chausse-BB FD Bl	.75	—
10	Verona-A FD Lt Bl	1.50	1.00	35	Johnnie Casey-M FD Bl	.75	—
10	Vic Archer-B SC Lt Bl	1.50	—	33	Johnnie K.-M SC Dk R	.75	—
7	Victory-A FD Pk	1.00	—	34	Jubilant-M ID Fl Bl	1.00	—
7	Victory Day-B SC R	1.00	—	3	Kandy Kid-BB ID Var	1.00	—
9	Victory Maid-B IC Bl	1.00	—	4	Kens Comet-BB SC L	1.00	1.00
15	Wanda Meade-B ID Bi	1.00	—	32	Kensington Royal-M SC Dk R	1.00	—
10	Waratah-B ID Crimson Red	—	1.75	33	Kosciusko-M SC W	1.00	—
13	White Glamour-A ID W	1.00	—	3	Lemon Ice-BB ID Bl	2.00	1.50
9	White Mist-B IC W	1.00	—	33	Little Diamond-M SC Pk	.75	—
12	White Nobby's Light-A ID W	1.50	—	35	Little Jerry-M FD Pr	.50	—
14	White Pop Harris-A ID W	1.00	—	35	Little Lemon Drop-M FD Y	.50	—
18	White Winner-B FD W	.75	—	35	Little Miss Prim-M SC Pk	1.00	—
15	Windlassie-B ID W	2.00	1.50	4	Little Patty-BB SC W	1.00	—
15	Winifred Stredwick-A ID W	1.50	1.00	32	Little Peaches-M SC Pk	.75	—
9	Winsome-B IC L	1.50	1.00	33	Little Sheikh-M SC Bl	1.00	—
10	Woodland Beauty-B SC Y	—	1.00	35	Little Speckles-M FD Var	1.00	1.00
17	Woomera-A FD Lt Bl	—	4.00	34	Look-M ID Bl	.75	—
7	Woy Woy-A SC Y	1.00	—				
10	Yellowwin-B SC Y	3.00	2.00				



INDEX AND PRICES FOR 1960

BB and MINIATURE DAHLIAS		Pot Plant		
Page		Root	Root	Plant
35	Lovelle—M FD Lt Bl.....	1.00	---	---
35	Lucas—M FD L.....	---	---	1.00
4	Madeline—BB StC Lt Bl.....	---	---	1.00
4	Mamau—BB SC Y.....	.75	---	---
33	Marjorie Lawrence—M SC Pk.....	1.00	---	---
32	Maxeen—M IC Bl.....	1.00	.75	---
4	Miss Concord—BB StC Y.....	.75	---	---
35	Miss Innocence—M FD W.....	.50	---	---
35	Miss Karen M.—M FD Dk R.....	.75	---	---
33	Miss Mollie—M SC Dk Bl.....	1.00	---	---
4	Miss Rose Fletcher—BB StC Pk.....	.75	---	---
4	Mrs. D. W. Nicholas—BB IC L.....	2.00	1.50	1.00
4	Mrs. Hayston—BB SC Pr.....	.75	---	---
33	Mrs. J. Robertson—M SC L.....	1.00	---	---
3	Mrs. R. C. Norman—BB FD Pk.....	.75	---	---
3	Mrs. Scott—BB FD Lt Bl.....	---	---	1.00
4	Mrs. W. Murray—BB SC R.....	2.00	---	1.00
35	Nellie Shee—M FD L.....	.50	---	---
3	New Comet—BB FD Pk.....	.75	---	---
5	Olga Jean—BB SC R.....	1.50	---	1.00
32	Pam McDonald—M StC Au.....	1.00	---	---
32	Paul Roberts—M StC Lt Bl.....	1.00	---	---
35	Pink Lady FD—M FD Pk.....	.50	---	---
33	Pink Lady SC—M SC Pk.....	.75	---	---
29	Pink Lassie—M P Pk.....	1.00	---	---
34	Raewyn Leslie—M SC Bl.....	1.00	.75	---
34	Raleigh—M ID Pk.....	.50	---	---
	Rapture—M ID Lt Bl.....	.50	---	---
2	Red Top—M FD R.....	5.00	3.25	2.00
5	Ringwood Rose—BB SC Pk.....	2.00	1.50	1.00
5	Risa Grivell—BB SC Lt Bl.....	.75	---	---
	Roma Cola—BB IC Dk R.....	.75	---	---
32	Ruby Charm—M StC R.....	1.00	---	---
3	Ruby Glow—BB FD Pr.....	.75	---	---
34	Ruby Part—M SC L.....	1.00	.75	---
32	Sandra Broomley—M StC Fl Bl.....	1.00	.75	---
5	Santo—BB StC R.....	.75	---	---
2	Sarah W.—M IC R.....	---	---	2.50
34	Scamp—M SC Bl.....	---	---	1.00
3	Shirley Westwell—BB ID R.....	.75	---	---
35	Silver Spring—M FD Pk.....	.75	---	---
32	Snowcloud—M StC W.....	.75	---	---
5	Snowcup—BB SC W.....	1.00	---	---
34	Snowsprite—M SC SC.....	.75	---	---
3	Southern Beauty—BB FD Dk Bl.....	1.50	1.00	---
34	Sunrise—M SC Y.....	.75	---	---
3	Sunset Glow—BB FD Lt Bl.....	.75	---	---
	Syd Part—M StC Pr.....	1.00	---	---
5	Talisman—BB SC Au.....	3.00	2.25	1.50
5	The Bride—BB IC W.....	1.00	.75	---
35	Timmie—M FD Lt Bl.....	.75	---	---
34	Tjiske—M SC Lt Bl.....	.75	---	---
	Tobrouk—BB SC Dk R.....	1.50	---	---
34	Treasure—M SC Pk.....	1.50	1.00	---
35	Tropicano—M FD Y.....	1.50	1.00	---
34	Tullana—M SC Bl.....	1.00	---	---
5	Tweed—BB SC Y.....	1.00	---	---
34	Vickie—M SC Lt Bl.....	.75	---	---
34	Warren Goodwin—M SC Fl Bl.....	.75	---	---
35	White Fawn—M FD W.....	.50	---	---
3	White Gypsy Girl—BB FD W.....	1.50	---	---
34	Woodleigh—M SC R.....	.75	---	---
35	Zest—M FD Bl.....	.75	---	---
5	Zuiwn—BB StC R.....	.50	---	---
32	ANEMONE DAHLIAS		30	ORCHID FLOWERING
29	BALL DAHLIAS		36-37	POMPON DAHLIAS
31	COLLARETTE DAHLIAS		30	SINGLE DAHLIAS
31	DWARF DAHLIAS		5	DAHLIA SEED

DAHLIA DEL COLLECTIONS

Positively no changes in Collections

SIX POMPON DAHLIAS

COLLECTION A	Value \$3.50	ROOTS, \$2.50
Atom	Lady Lookout	Mary Munns
Edith Mueller	Little Buddy	Morning Mist

SIX MINIATURE DECORATIVE DAHLIAS

COLLECTION MD	Value \$4.25	ROOTS, \$3.25
Autumn Queen	Little Lemon Drop	Timmie
Elsie A.	Silver Spring	White Fawn

FIVE MINIATURE CACTUS DAHLIAS

COLLECTION MC	Value \$5.25	ROOTS, \$4.00
Belle	Hazel Harper	Marjorie Lawrence
Ginny Johnston		Treasure

FIVE GARDEN BB DAHLIAS

COLLECTION BB	Value \$5.00	ROOTS, \$3.75
Ella Cole	Little Patty	The Bride
Gay Flame		Tweed

FIVE BALL DAHLIAS

COLLECTION B	Value \$3.50	ROOTS, \$2.75
Charlotte Caldwell	Jean Kerr	Mary Helen
Clara Clemens		Rosy Dawn

BEGINNERS SURPRISE #1

COLLECTION B51	Value \$4.50 to \$7.00	ROOTS, \$3.00
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Eight named roots tagged, all different. A good assortment of colors and types. Large flowering varieties, mostly B size. This collection gains in popularity each year as finer varieties are used in it.

BEGINNERS SURPRISE #2

COLLECTION B52	Value \$4.50 to \$7.00	ROOTS, \$3.00
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Six named roots tagged, all different. A good assortment of colors and types. Large flowering varieties, mostly A size. This collection is made for those who prefer the larger exhibition varieties, and does not duplicate varieties in any other collection.

SIX CUT FLOWER DAHLIAS

COLLECTION C-F	Value \$4.25	ROOTS, \$3.00
D-Day	Gay	Jersey Beauty
Deuil du Roi Albert	Golden Treasure	White Winner

SIX GRAND CACTUS DAHLIAS

COLLECTION D	Value \$5.75	ROOTS, \$4.50
Beryl Jean	Faithful	Laura B.
Bond's Memory	Juanita	Sam Herst

EIGHT EXHIBITION DAHLIAS

COLLECTION E	Value \$7.75	ROOTS, \$6.00
Blue River	King David	Red Velvet
George Wilson	Ogden Reid	Sarah Carolyn
Gold Coin		Silver Wedding

SIX PRIZE DAHLIAS

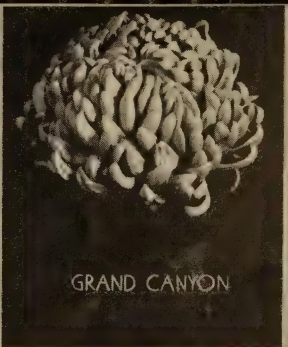
COLLECTION F	Value \$8.50	ROOTS, \$6.50
Cherokee Beauty	Madonna	Tidal Wave
Empire State	The Marquis	Verona

FIVE ALL AMERICAN DAHLIAS

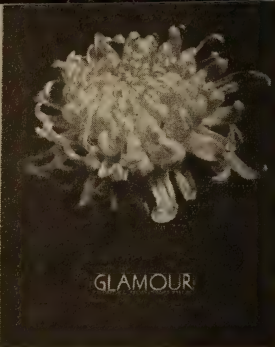
COLLECTION G	Value \$12.00	ROOTS, \$9.00
Caroline M.	El Dorado	Imperial
Dr. Borley		Our Friend



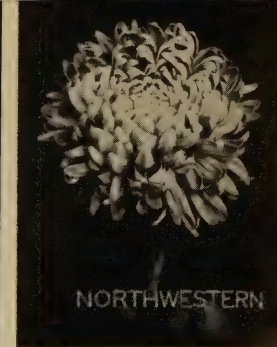
MRS HERBERT LEGG



GRAND CANYON



GLAMOUR



NORTHWESTERN

INCURVED CHRYSANTHEMUMS

NOTICE ON ALL MUM ORDERS

Include 35c for Special Handling on all orders.

We pay regular postage on orders of \$5.00 or over.
On orders under \$5.00 there is a charge of 50c.
for regular postage and packing.

Shipping dates April 1 to June 1

**NEW QUANTITY DISCOUNTS ON
POT PLANTS AND ROOTED CUTTINGS**

8 of any one named variety — less 10%
20 of any one named variety — less 20%

FIRST FIGURE—Diameter of bloom in inches.

SECOND FIGURE—Height of bush in feet.

DATE—Normal time for plant to be in full bloom.

INCURVED NOVELTIES

We have grown many early blooming incurved varieties and have selected the following that do best in outdoor conditions. Many of these varieties will need mulching or some other winter protection in many sections of the country.

POT PLANTS listed below, \$1.00 each

ROOTED CUTTINGS, 2 of one named variety for \$1.00

GRAND CANYON, 5'-1½', Oct. 20. Beautiful rose opal face with reverse of salmon buff. Sturdy grower. Really wonderful.

GREAT SOUTHWEST, 5'-3', Oct. 20-25. Large rose opal true Incurved with French Chamois reverse. Beautiful form for exhibiting. Strong grower with stiff stems.

HIT PARADE, 5'-2', Oct. 25. Striking deep red with gold reverse. A real hit among the early blooming varieties.

MISS OSAKA, 6'-3' Oct. 28. Massive and tightly incurved import that is unique. Light pink with good stems. Really lovely.

MONTEREY, 4'-2½', Oct. 1. Brilliant Spanish orange shading lighter. Fine for cutting. One of the best of the bronzes.

ROYAL CROWN, 5-6'-3', Oct. 25. Very large peony purple with a little wider petal and more red than Ben Leighton. Really popular.

SUNBURST, 5'-2½', Oct. 25. Terra cotta suffused on face of petals with straw yellow reverse giving an orange bronze tone bloom. Large and attractive.

SUNNYSLOPE GRANDEUR, 6'-3', Oct. 25. Lovely pure white of tremendous size. Good healthy grower with fine stems.

SUPERLATIVE, 5'-2½', Oct. 15. An excellent pure white. Really huge and stunning when disbudded. Don't miss this one.

TAKACHIHO, 6'-3', Oct. 25. Very striking large Empire yellow. Fine form and wonderful stems for cutting.

THE SWAN, 5'-2', Oct. 25. Beautiful glistening white loosely incurved but easily grows attractive specimen blooms.

TRADITION, 7'-2½', Oct. 25. Beautiful magenta rose Incurved Spider with silvery reverse. Really has size and keeping qualities.

TROJAN, 5'-3½', Oct. 25. Rose red to chrysanthemum crimson with reverse of yellow ochre. Good grower and most appealing.

YAMATO, 4½'-2½', Oct. 25. Described as one of the best pinks in the Incurved family but we found it a beautiful lively mauve with lighter reverse. Excellent for cutting.

POT PLANTS listed below, 75c each

ROOTED CUTTINGS, 2 of one named variety for 75c

ALHAMBRA, 5'-2', Oct. 25. Light buff suffused Jasper red. Massive exhibition type. Strong grower.

ATLANTA, 6'-3', Oct. 28. Lovely white with a creamy cast in center. Don't miss this exceptionally good one.

AVA MARIA, 4'-2½', Oct. 25. Lovely big ball-shaped white with creamy cast. Nice stems for cutting.

AZTEC, 3½'-1½', Oct. 15. Wonderful deep cardinal exhibition. Holds its color for a long time after reaching maturity.

BOB BAKER, 5'-1½', Oct. 25. Unusual and striking Jasper red with light straw yellow reverse.

CENTURY, 4'-2', Oct. 25. Streaks of bronzy red on a golden bronze background. Very striking.

CRIMSON MAGIC, 4'-2', Oct. 20. Beautiful cardinal with tan reverse. Very showy.

DE LA MARE, 4-5'-3', Oct. 20. An English Semi-Incurved which only incurves a little at the top. Really beautiful. Clear bright pastel mauve nearest to pink we have.

EMPIRE JAP., 4'-2', Oct. 25. Excellent yellow exhibition. Popular and fine for cutting.

FANFARE, 5'-2½', Oct. 20. Bright reddish terra cotta with light yellow (ochre) reverse. Responds well to disbudding and very striking.

FLOWERLAND, 5'-3', Oct. 20. Very lovely Persian rose with wide petals. Fine for cutting.

GLAMOUR, 5'-2', Oct. 25. Beautiful empire yellow. One of the very best exhibition varieties. Sure to please.

GLORY, 6'-1½', Oct. 20. A unique white with lovely greenish overcast. A collector's must.

GOLDEN WEST, 6'-2½', Oct. 20. A real favorite among the early blooming varieties. Rich empire yellow exhibition. Strong stems.

INVINCIBLE, 4'-3', Oct. 20. Globular blooms of magenta rose with lighter reverse. Fine grower. Quite similar to Ben Leighton but lighter.

MISS HIROSHIMA, 6'-3', Oct. 25. Exhibition rose red with silvery reverse. Good foliage, very interesting.

MRS. FRANK HAY, 6'-2', Oct. 25. Light mauve with lighter reverse and shadings. True incurved. Really great.

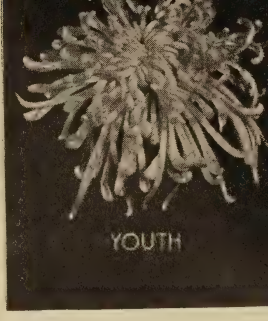
MRS. HERBERT LEGG, 5'-3', Oct. 25. Lovely pastel mauve with creamy white center. Broad foliage. One of the very best.

NORTHWESTERN, 5'-3', Oct. 10. Indian orange with Indian yellow reverse showing at center. Branches wonderfully for cutting and a real football variety when disbudded.

PAINTED DESERT, 4'-3', Oct. 25. Jasper red with lighter reflex. Most unusual color and a large Incurved.

PURDUE, 5'-2½', Oct. 15. Burnt orange shaded terra cotta. As picture shows it is only inclined Incurved but wonderful size and form for exhibiting and cutting. Good grower.

SANTA ANITA, 6'-3', Oct. 28. Clear yellow of perfect, even form. Very good here.



CHRYSANTHEMUMS

WHISPERING, 5'-'3', Oct. 25. Really beautiful pure white with many petals and great depth.

WISCONSIN, 4 1/2'-'2 1/2', Oct. 15. Bright Chinese yellow fifth bronze overtone. Just wonderful for cutting.

YELLOW GLOW, Std., 2 1/2'-'2', Oct. 15. An attractive lemon yellow sport of Ivory Glow. Excellent for cutting. Very hardy.

YELLOW MAMMOTH, 6'-'3 1/2', Oct. 25. Primrose yellow. Sturdy stem, dark green foliage for exhibition.

YELLOW SUPREME, 5'-'3', Oct. 25. Truly Incurred and a stunning soft mimosa yellow with dark green foliage.

ZYLON, 4'-'3 1/2', Oct. 20. Semi-Incurred. Velvety chrysanthemum crimson with slightly lighter reflex showing at center. Good grower with fine stems.

STANDARD GREENHOUSE VARIETIES

POT PLANTS listed below, 50c each

ROOTED CUTTINGS, 2 of one named variety for 50c

ALBATROSS, 3 1/2'-'2', Oct. 20. One of our best white Incurred novelties. Strong grower with excellent stems.

AMBASSADOR, 4'-'3', Oct. 20. Creamy white. Especially beautiful and truly great when disbudded. You will like it.

AUTUMN BLAZE, Inc., 4'-'2', Oct. 25. Oxblood red with bronze suffusion.

BEN LEIGHTON, 5'-'2 1/2', Oct. 25. Gorgeous peony purple a shade lighter on reverse of petals. An older variety that is excellent for both exhibiting and cutting.

BLAZING GOLD, 4 1/2'-'2', Oct. 20. Buttercup yellow, fine form. One of the best deep yellows.

CONQUEROR, 3'-'3', Oct. 27. Cardinal, buff reverse. Very showy. The best English red. Hardy.

FERN EDWARDS, 7'-'2', Oct. 20. Light phlox purple with lighter reverse showing at center. Really wonderful and a good keeper.

GOLD STANDARD, 4'-'3 1/2', Oct. 25. Our largest and best incurred rich lemon yellow. Hardy.

HILDA BERGEN, 3 1/2'-'3', Oct. 25. Cardinal with orange reverse. Best in its color.

IVORY GLOW (U.S.D.A.), Standard, 2'-'2', Oct. 15. Lovely creamy white. Fine cut flower.

MAJOR BOWES, 4'-'2 1/2', Oct. 20. Soft phlox purple shading lighter. Cuts well, fine stems.

MRS. H. E. KIDDER, 3'-'2', Oct. 25. Lemon yellow. Semihardy, can be wintered with protection.

PINK CHIEF, 4'-'2 1/2', Oct. 15. Maroon rose. Best for cutting in this color.

SILVER SHEEN, 3 1/2'-'3', Oct. 20. Pure white. Best white for garden use.

VALIANT, Inc., 4'-'2', Oct. 15. Mimosa yellow similar to Blazing Gold in form and earlier.

WHITE CHIEF, 4'-'3', Oct. 20. Lovely pure white Incurred. Decorative. Does well in garden culture and stands light frost.

WILLA TEMPLIN, 6'-'2', Oct. 25. Straw yellow with jasper red suffused and on reverse. Almost spidery, with large tubular petals.

SPIDER MUMS

This new Type Chrysanthemum is becoming very popular and responds wonderfully well to disbudding. Although some varieties are only semi-hardy, they can be carried over winter with a little protection and if you are in sections where early frosts are prevalent a temporary protection made of vinyl plastic or polyethylene with a couple of electric light bulbs inside will give the necessary protection for the early damaging frosts for Spiders and other late blooming varieties.

SPIDER MUMS

POT PLANTS listed below, 75c each

ROOTED CUTTINGS, 2 of one named variety for 75c

CAPRI, 7'-'2', Oct. 20. Light primrose nearly white. Really great whether disbudded or natural.

LA BELLE, 6'-'2', Oct. 20. Purest white with fine petals. Upright grower with nice stems.

LAVENDER DREAM, 5'-'3', Oct. 25. Clear lavender pink. Fine stems, good for cutting.

LIMELIGHT, 6'-'2', Oct. 20. Light canary yellow, bronzy overcast when opening. Unusual form with hooked petals.

MILADY, 6'-'1 1/2', Oct. 25. Creamy white. Earlier and larger than Anne. Wonderful stems and foliage.

VESPER, 7'-'3', Oct. 20. White suffused amaranth rose. Real spidery. Fine strong stem.

YOUTH, 7'-'1 1/2', Oct. 25. Wonderful creamy white of immense size. Really a spidery incurred. Compact grower.

POT PLANTS listed below, 50c each

ROOTED CUTTINGS, 2 of one named variety for 50c

ANNE, 5'-'2', Oct. 20. One of the purest whites in the large tubular class. Almost Standard in form. Fine for cutting.

BERTHA OLIVER, 6'-'2', Oct. 28. Orchid pink shading to a light phlox purple. Centers full. Good stems fine for cutting.

BESS WITT, 4'-'2', Oct. 20. Straw yellow shaded apricot bronze. Persian rose showing at tips. Very attractive.

BUNBU, 4'-'2 1/2', Nov. 1. Soft mallow purple. Petals hooked at tips. Fine for cutting.

ITO PINK, 6'-'2 1/2', Oct. 30. Soft phlox pink shading lighter. Fine long stems for cutting, center full. Don't miss this one.

MELODY (Sunnyslope), 6'-'3 1/2', Oct. 25. Clear amber yellow one tone. The best in its color. Wonderful stems. Most worthwhile.

PAUL MILLER, 6'-'3', Oct. 28. Full centers, buff tubes with red face of petals showing on the fish hook tips.

SUNNYSLOPE SPLENDOR, 6'-'3', Oct. 20. White overcast green with a flush of lavender. Most pleasing pure white when fully open. Really wonderful.

TOKAY, 6'-'3', Oct. 25. Clear lilac purple with silver shadings. Very large and fine form.

ROOTED CUTTINGS

Rooted Cuttings have proved so satisfactory for our customers, as they stand shipment so well, and produce such wonderful plants, that we offer Rooted Cuttings, two of a kind for the price of a Plant. By selling them only in multiples of two facilitates ordering, booking and shipping, and gives you more for your money. Rooted Cuttings can be planted direct in your garden with partial protection from sun and wind or potted and held for a few weeks before planting.

Two Rooted Cuttings are wrapped to each stick.
Be sure to unwrap and separate before planting.



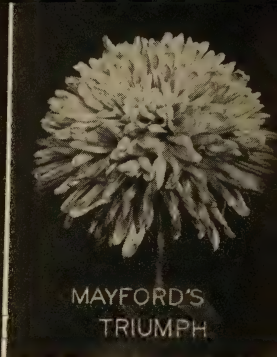
ARABY



BERTHA SCHUMACHER



SPARTAN



MAYFORD'S
TRIUMPH

HARDY GARDEN CHRYSANTHEMUMS

NOTICE ON ALL MUM ORDERS

Include 35c for Special Handling on all orders.
We pay regular postage on orders of \$5.00 or over.
On orders under \$5.00 there is a charge of 50c.
for regular postage and packing.

Shipping dates April 1 to June 1

NEW QUANTITY DISCOUNTS ON POT PLANTS AND ROOTED CUTTINGS

8 of any one named variety — less 10%
20 of any one named variety — less 20%

HARDY GARDEN CHRYSANTHEMUMS

These modern hardy Mums are selected for their ability to produce quantities of blooms in general garden conditions. Increasing interest in garden mums is due to recent development of new varieties that bloom safely ahead of frost, while a number of varieties stand the first frost that usually gets the Dahlias. This prolongs the blooming season in your garden by several weeks.

BERTHA SCHUMACHER (Schumacher-Dahl 1960 Introduction), 2½"-3", Oct. 10. Pleasing one tone soft rose opal that grows even brighter as the blooms open. Wonderful sprays with long stems for cutting. One plant or 2 rooted cuttings, \$1.00

DECORATIVE

POT PLANTS listed below, 75c each

ROOTED CUTTINGS, 2 of one named variety for 75c

ADMIRAL, 2"-2", Oct. 12. Rich rose red. Fine for cutting. Very attractive.

ALEX CUMMINGS (Bristol), 4"-2½", Oct. 10. Lovely fuchsine pink with incurved center and recurved ends. Attractive and popular.

AMBER BRIGHT, 5"-2½", Oct. 15. Partially Incurved if disbudded. Beautiful Chinese yellow with light bronze suffusion. Stunning for cutting.

ARABY (DePetris), 3"-2½", Oct. 15. Rich cardinal with deep yellow reverse showing slightly at center. Excellent disbudded.

ARTIST'S DELIGHT, 3½"-2", Oct. 1. Beautiful coral pink with golden undertone. Makes perfect sprays for cutting.

BRONZE GIANT, 4"-2", Oct. 1. Brilliant cadmium orange shading darker at center. Upright stems, ideal for cutting.

CALUMET, 2½"-3½", Oct. 15. Amber yellow slightly darker at center. Excellent cut flower garden variety.

CROWNING GLORY, 3"-2½", Oct. 10. Buttercup yellow shaded rose. Fine upright grower. Excellent for cutting.

DARK KNIGHT, 3"-2", Sept. 28. A rich cardinal that really is early. Showy but semi-double. Holds its color well.

ELMIRA (DePetris), 3½"-2½", Oct. 10. Beautiful white with just a touch of straw yellow at center. Excellent for cutting. Responds well to disbudding. Not hardy.

EVELYN DEVANEY, 3"-2", Sept. 28. Soft amaranth rose almost pastel pink. A beautiful garden variety.

FLAMBOYANT (Bristol), 3"-2", Sept. 15. Burnt orange with terra cotta shadings and straw yellow reverse. Really outstanding.

FRED STONE, 4"-2", Oct. 12. Bright cardinal with pointed petals similar to a cactus dahlia. Really different.

GARDENIA, 4"-2", Oct. 5. Really lovely full white with creamy center. Profuse, sturdy stems and excellent foliage. Our best white garden Decorative.

GLENDAL (DePetris), 2½"-2½", Sept. 15. Bright mimosa yellow. Fine form, full centers and very attractive. Low enough for secondary borders.

HILITE, 3"-2½", Oct. 1. Desirable rich canary yellow when fully open. Good foliage and stems. Wonderful for cutting.

ILLINOIS, 4"-2½", Oct. 5. Soft mimosa or sulphur yellow. Large blooms that are early and fine for cutting.

IOWA, 4"-3", Oct. 15. Large light lemon or mimosa yellow almost incurved. Responds to disbudding.

LADY FAIR, 3"-2½", Oct. 1. Very beautiful one tone amaranth rose. Full flower with petals that drop back. Good grower.

MAJESTIC, 2½"-2½", Oct. 15. Described as rosewood bronze but is really Jasper red and terra cotta. Improves and becomes more of a dusty rose as the season advances and keeps right on cutting until frost.

MAYFORD'S TRIUMPH, 4"-2½", Oct. 15. Large burnt orange with Indian yellow reverse. Full high center and excellent for cutting.

MICHIGAN, 3½"-3", Oct. 10. Clear deep canary yellow, even more yellow than Iowa. Vigorous plants extra good disbudded.

MICHIGAN STATE, 3"-3", Oct. 15. Creamy white which was very popular and wonderful as a cut flower natural. Excellent disbudded.

MINNESOTA, 3"-3", Oct. 10. Opens with a blush of amaranth rose developing into pure white. Early and lends itself to disbudding very easily.

OHIO STATE, 4"-2½", Oct. 15. Beautiful Empire yellow with outer petals somewhat rolled and pointed, making an unusual and pleasing form. Prolific and fine for cutting.

SPARTAN (DePetris), 4"-3½", Oct. 15. White with a cream cast at center. A beautiful, vigorous grower improved by disbudding. One of the best for cutting.

STYLISH, 4½"-5"-2", Sept. 28. Dusty Tyrian pink. Beautiful form and foliage. Very popular garden variety. Keeps right on blooming until frost.

SUDAN (DePetris), 4"-2", Oct. 5. Soft lemon yellow semi-incurved. Beautiful in the garden. Improved by disbudding.

SUN DANCE, 3"-2½", Oct. 1. Mimosa or Empire yellow. Early, wonderful to cut, very hardy and one of the best rugged growers.

CHRYSANTHEMUM COLLECTIONS

8 MUM PLANTS—GARDEN VARIETIES

COLLECTION CP Including Special Handling, Postpaid \$5.00
1 each of the following

Calumet
Carol C.
Evelyn Devaney

Fiesta
Joyous

Majestic
Michigan State
Sun Dance

16 MUM ROOTED CUTTINGS

COLLECTION CR Including Special Handling, Postpaid \$5.00
2 each of above 8 varieties

8 MUM PLANTS—EXHIBITION VARIETIES

COLLECTION P Including Special Handling, Postpaid \$5.50
1 each of the following

Autumn Blaze
Grand Canyon
Invincible

Iowa
Monterey

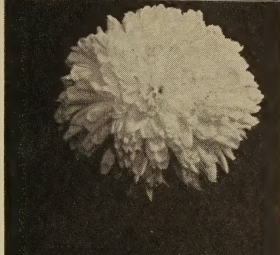
Ohio State
Spartan
Zylon

16 MUM ROOTED CUTTINGS

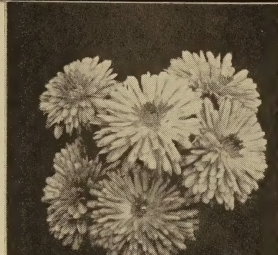
COLLECTION R Including Special Handling, Postpaid \$5.50
2 each of above 8 varieties



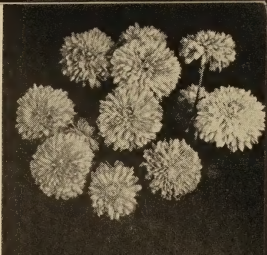
SUDAN



ILLINOIS



BRONZE QUEEN



JOYOUS

HARDY GARDEN CHRYSANTHEMUMS

DECORATIVE Cont'd

POT PLANTS listed below, 50c each

ROOTED CUTTINGS, 2 of one named variety for 50c

- ALPENA**, 2½"-2", Oct. 1. Currant red with bronze reverse showing at center. Deep and lovely.
- ARISTOCRAT** (Bristol), 3"-2", Oct. 5. Claret rose with mallow purple shadings and dark green foliage. Very good.
- AVALANCHE**, 3"-1½", Sept. 15. Large full creamy white. A fine cut flower.
- BETTY**, 3"-3", Oct. 20. Beautiful soft rose pink. Fine sprays for cutting. Really good.
- BETTY B.** (Brantin-Dahl 1953), 1½"-2½", Oct. 15. Beautiful small deep buttercup yellow with Jasper red center and suffusion. Prolific and fine for cutting. Stands early frost.
- BLUE BLOOD**, 3"-3", Oct. 10. Tyrian purple with a light buff reflex. Fine for cutting.
- CARNIVAL** (Bristol), 3½"-2½", Oct. 10. Burnt orange with red and terra cotta shadings. Fine foliage. Very attractive.
- CHARLES NYE**, 2½"-2", Sept. 25. Rich buttercup yellow. Fully double. Nice sprays.
- DREAM GIRL** (Floralane), 2½"-2½", Oct. 10. Beautiful amaranth rose, full petaled. A gem in the garden. Fine to cut.
- EARLY CRIMSON**, 2"-2½", Oct. 1. Cardinal red with lighter reverse. Our best non-fading early red for cutting. Long stems.
- FASCINATION** (Bristol), 3½"-2½", Oct. 1. Light phlox purple shading pastel mauve. Beautiful.
- HILLTOP GOLD** (Rosebud), 3"-2½", Oct. 1. Large golden yellow. Fine to cut. Frost resistant.
- HONEY SWEET**, 3"-3", Oct. 15. Beautiful empire yellow. Strong grower and one of the best.
- HORIZON**, 1½"-2"-3", Oct. 5. Small tall growing white, almost a pompon. Wonderful stems for cutting.
- HUNTSMAN** (Bristol), 3"-2½", Oct. 10. Brilliant scarlet orange, Carnival seedling.
- JUBILEE** (Bristol), 2"-2", Oct. 5. Wonderful cardinal or chrysanthemum crimson. Splendid for bedding and bunching.
- LEE POWELL** (Kraus), 2½"-2½", Sept. 25. Large fluffy blooms of Empire yellow with Indian yellow center. Very prolific.
- OLIVE LONGLAND**, 2"-2½", Oct. 1. Apricot suffused salmon pink. Very attractive.
- PAM** (Brantin-Dahl), 1½"-2½", Oct. 25. Wonderful small Decorative of rose pink with gold centers. A lively pastel that holds its color while opening. Prolific, nice stems and artistic clusters.
- PATRICIA LEHMAN** (Kraus), 3"-2½", Oct. 1. A carmine rose with shell pink center. Recurved and twisted petals give a feathery effect. Open grower.
- PETRISIAN MAUVE** (DePetris), 3"-2", Oct. 5. Lovely amaranth rose. Beautiful bushes. Early and one of the best.
- SILVERPLATE** (Yoder), 3"-2½", Oct. 20. The best white for cutting. Has a lavender cast when opening.
- YELLOW AVALANCHE**, 3"-1½", Sept. 15. A soft lemon yellow sport of the popular Avalanche.

FIRST FIGURE—Diameter of bloom in inches.
SECOND FIGURE—Height of bush in feet.
DATE—Normal time for plant to be in full bloom.

CUSHION and BEDDING VARIETIES

POT PLANTS listed below, 75c each

ROOTED CUTTINGS, 2 of one named variety for 75c

- BANTAM YELLOW**, 2"-1", Sept. 25. A very pleasing pigmy primrose yellow for low planting.
- FUCHSIA FAIRY**, 1"-1", Oct. 15. Silvery rose. Diminutive bush and blooms but literally covered with blooms. Wonderful for borders.
- JOYOUS** (Bristol), 2½"-1½", Oct. 10. Empire rose, truly a pink. Profuse and fine for borders and low plantings.
- LARRY** 3"-1½", Oct. 1. Almost pure white. Compact and prolific. Beautiful for bedding and borders.
- ORION**, 3"-1½", Oct. 5. Soft yellow almost ball shaped. Exquisite for bedding and landscape.
- PATHFINDER**, 2"-1½", Sept. 20. Lovely primrose yellow with serrated petals like a carnation. Beautiful for arrangements and secondary borders.
- PRINCESS KAY**, 1½"-1½", Sept. 25. Pure white uniform blooms of good substance on strong stems. Early and compact bush for landscape.
- WHITE MASQUERADE**, 1"-2", Oct. 15. A silvery white button. A white counterpart of Masquerade. Makes a beautiful mound of blooms completely covering foliage.

POT PLANTS listed below, 50c each

ROOTED CUTTINGS, 2 of one named variety for 50c

- BRONZE QUEEN**, 2½"-1½", Sept. 20. Coppery bronze or orchreous orange. Fine compact border or mass planting variety. Just a mass of color.
- CHAMPION CUSHION**, 2"-1½", Oct. 1. A low growing bright terra cotta for borders or cutting for table decoration.
- COQUETTE**, 1½"-1½", Sept. 25. Our best bedding rose pink to amaranth rose. Healthy grower, profuse bloomer and very showy.
- GOLDEN CARPET** (Bristol), Pom, Bush 1 ft. Sept. 15. Golden mound ideal for bedding with Dwarf varieties.
- JOAN HELEN**, Single 2½"-1½", Sept. 20. Magenta rose. Very showy and compact bushes for borders.
- LIPSTICK**, 2"-1½", Sept. 28. Our best red bedding variety starts off red and ends a bright terra cotta. Very pleasing and can be cut for decorating.
- MASQUERADE** (Bristol), 1"-2", Oct. 15. Bright silvery rose pompon with darker centers. Fine for cutting. Wonderful for borders. Not hardy. See picture next page.
- MISCHIEF** (Bristol), Single 1"-1" to 1½", Oct. 10. Peony purple diminutive with about 2 rows of petals and a beautiful yellow center. Beautiful bush for low landscape work and borders.
- POWDER PUFF**, (Bristol), 1½"-1", Sept. 1. Gleaming white mound 2 ft. across.
- SALMON CUSHION**, 4"-1½", Sept. 15. The largest flowering cushion. Fully double salmon pink.
- TWINKLE**, 2"-1¼", Oct. 10. Appealing cyclamen purple. Fine for landscape or borders.



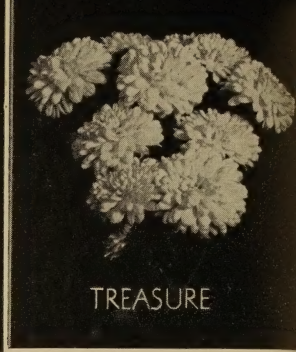
HALO SPOON



CAROL C



MASQUERADE



TREASURE

HARDY GARDEN CHRYSANTHEMUMS

SPOON

POT PLANTS listed below, 75c each

ROOTED CUTTINGS, 2 of one named variety for 75c

CLARKE CORAL SPOON (Bristol), 2½"-2", Oct. 2. Lovely bright apricot with coral and orange suffusion. Fine substance and most interesting.

EMPIRE SPOON (Schlatter-Dahl), 4"-2", Oct. 20. Lovely empire yellow, deeper and richer than Yellow Spoon. Full centers, upright sprays and fine for cutting. Wonderful grower.

HALO SPOON (Schumacher-Dahl), 5"-3", Oct. 20. Jasper Red face with tubes of Egyptian buff to apricot. Good sprays for cutting. One of the most rugged and hardy mums we have ever grown.

POT PLANTS listed below, 50c each

ROOTED CUTTINGS, 2 of one named variety for 50c

BLEND SPOON (Schlatter-Dahl), 3"-2½", Oct. 25. Beautiful Mimosa yellow with tubes shaded rose. Fully double. Fine for cutting. Stands early frost. Develops into a beautiful darker blend after a light frost.

BRANIN SPOON (Branin-Dahl), 1956, 2½"-2", Oct. 10. This lovely introduction of empire rose or coral pink with lighter tubes has full centers and good sprays for cutting.

CAROL C. (Coles), 3½"-3", Oct. 12. Pastel mauve tube with mallow purple tips. One we recommend.

DAVY CROCKETT (Coles), 1956, 3½"-2¼", Oct. 15. Marigold orange fully double spoon with reverse lemon yellow. Fine stems, spreading bush and a much needed color combination.

GARNET SPOON (Lehman), 2½"-2½", Oct. 15. Fuchsia purple with lighter tubes. Fine stems.

GRAND CANYON SPOON (Coles), 3"-2", Oct. 15. Magnolia purple to light phlox purple. This is a honey. It reminds one of a Pinwheel as the petals radiate from the center. Wonderful for cut flower.

LOVELY NELL (Coles), 3½"-2½", Oct. 1. Terra cotta to Naples yellow. Inner row of petals is incurved.

PUMPKIN SPOON (Lehman), 2"-2½", Oct. 1. Persimmon or Marigold orange. A mass of color and very showy.

WHITE SPOON, 3"-1½", Oct. 25. A very pretty white. Healthy grower. Not too hardy.

YELLOW SPOON, 3"-1½", Oct. 25. Lemon yellow. One of the best spoons.

SINGLE

POT PLANTS listed below, 50c each

ROOTED CUTTINGS, 2 of one named variety for 50c

44NDI. 3½"-2", Oct. 1. U. S. Dept. of Agriculture Seedling. Clear lemon yellow. The best clear yellow single.

KRISTINA. 3"-1½", Oct. 25. Beautiful magenta rose. One of the best. Very showy.

NORTH STAR. 2"-2", Sept. 15. Pure white. A real white daisy type. Early and very hardy.

RAJAH. 3"-3", Oct. 15. Deep cardinal (non-fading). Five rows of petals with large yellow center. Wonderful to cut.

RED ROVER. Single, 2½"-3", Oct. 20. Bright rich cardinal. Really wonderful in the garden or for cutting.

POMPON

POT PLANTS listed below, 75c each

ROOTED CUTTINGS, 2 of one named variety for 75c

FIESTA. 1½"-3", Oct. 5. Bright Spanish orange. Excellent grower and fine for cutting.

SWEEPSTAKES. 1½"-2", Oct. 12. Clear buttercup yellow. Recommended for secondary border and yet wonderful for cutting.

POT PLANTS listed below, 50c each

ROOTED CUTTINGS, 2 of one named variety for 50c

CARMEL. 1¾"-3", Oct. 15. Very lovely cadmium orange. Round blooms. Nice stiff stems.

CARMINE QUEEN. 2"-3½", Oct. 10. Wonderful cardinal that does not fade. Extra long straight stems for cutting.

CLASSIC. 2"-3½", Oct. 20. A large semi-formal white pompon. Fine to cut, long stems.

ERMALINDA. 1¾"-1½", Oct. 25. Soft mallow purple. Very attractive. Fine for cutting.

FORBIDDEN FRUIT. 1¼"-2½", Oct. 15. Amaranth rose with lighter reflex. Good sprays for cutting.

JANE. 1½"-2", Oct. 28. Our best yellow pompon. Compact for landscaping and still nice stems for cutting. Very hardy.

PINK DOT. 1½"-3", Oct. 10. Pastel mauve, mallow purple center and shadings. Wonderful for cutting.

PINK DOTY. 2½"-3½", Oct. 24. Persian rose. Similar in growth and size to Lillian Doty but a much deeper pink.

PINOCCHIO. 1"-2", Oct. 25. A new small white suffused and lightly tipped amaranth rose. Fine stems.

SONNY. 1½"-1½", Oct. 10. Soft amaranth rose. Flowers of wonderful substance. A real rugged variety, fine for bedding.

SUNAPE (U. of N. H.), 1½"-3", Sept. 18. A new golden yellow, fully double. Attractive.

TREASURE. 2"-2½", Oct. 15. Bright canary yellow. Good sturdy bushes. Classified as a pompon but more decorative as picture shows. Very desirable.

WHITE DOTY. 2"-2½", Oct. 25. Pure ivory white. Long stems for cutting.

CHRYSANTHEMUM CULTURE

SOIL PREPARATION. You will find many helpful suggestions on **Soil Preparation** and **Fertilizing** in our **Dahlia Culture** which hold good for Mums with the exception that preparation of hills is not recommended. Mums will stand more manure and more water than dahlias will. Mums should never be allowed to suffer for the need of water.

Plant in well prepared ordinary garden soil 8 to 10 inches apart in rows 15 inches apart for mass planting. Rows can be 3 to 4 feet apart for cultivating.

When plants are established in the garden and have developed 2 or 3 pairs of mature leaves the center of the main growth should be pinched out. Should you want exhibition blooms in limited numbers, then limit the number of branches to 3 or 4. For Garden Varieties, Pompons, etc., 6 or 8 stems are not too many.

When Mums are planted early and topped out as recommended we find it advantageous to again top out the center growth and main growth branches about July 15th. This will give you a more uniform growth and blooms will open at a uniform time. Spray Mums the same as recommended for Dahlias. Page 25.

Unless garden is fumigated for nematodes, it is best to rotate Mum planting from one section of the garden to the other as much as possible.

DAHLIA GROWERS' SUPPLIES

NOTICE

On orders under \$5.00 there is a 50c charge for postage and packing except on items marked Postpaid.

WOOD TREE LABELS. $\frac{5}{8}$ x $3\frac{1}{2}$ " copper wired. Painted—75c per 100; \$5.25 per 1000. Plain (not painted)—65c per 100; \$4.50 per 1000 to 4th zone, add 15c for each additional zone on 1000 lots.

WOOD PLANT LABELS. $\frac{5}{8}$ x 10". Painted—\$1.15 per 100; \$2.60 per 250; \$9.25 per 1000. Plain (not painted)—\$1.00 per 100; \$2.25 per 250; \$8.00 per 1000 to 4th zone, add 20c for each additional zone on 1000 lots; 5c on 250 lots.

"BLACK INDIA" INK BALL POINT PEN. High Speed drying ink will not corrode, run or smear. At last a permanent waterproof indelible ink available for immediate use. The finest thing we have found for marking wooden labels as well as many other uses. **Pen complete \$1.15; Refills, 50c, postpaid.**

DAHLIADEL RECORD SHEETS. A simplified system of making Dahlia Records, arranged so it may be easily used by the novice, and also make all the records necessary for the Dahlia enthusiast, professional or even the commercial grower. This system allows you to record 10 varieties on one page 4 x $6\frac{3}{4}$ ", punched for standard loose leaf binder, the DahliaDel Color Chart size. Send for Sample Sheet. **DAHLIADEL RECORD SHEETS 50 for 60c; 100 sheets \$1.00, postpaid.**

WIRE JACK DAHLIA PRUNER KNIFE. Convenient hook blade pocket knife $3\frac{1}{4}$ " long, suitable for cutting flowers and dividing and trimming light clumps. **75c; 2 for \$1.40.**

WIRE JACK UTILITY KNIFE. A large edition of the above knife 4" long. Much heavier and suitable for dividing large dahlia clumps and other heavy pruning work. **90c; 2 for \$1.70.**

HORTICULTURAL COLOUR CHART

(Published by the Royal Horticultural Society of England)

This Chart is in two volumes with 100 loose sheets in each, and four color tones on each sheet. It has the most complete range of colors with the exception of autumns which have been added in the DahliaDel Pocket Edition. It has the best colors of any Chart published for Horticultural use. The color names are nearly all in common usage. **Complete Chart of 2 Volumes, \$19.50. Sheets punched and each Volume in a Loose Leaf Binder Complete \$21.00.**

DAHLIADEL POCKET EDITION of the HORTICULTURAL COLOUR CHART contains 175 color blocks arranged in the spectrum order, primarily for the American Dahlia Society with a definite color range on each set of pages. Autumns have been added to make the color range more complete. It is a complete chart for other flowers with the addition of violets, and the omission of the greens and a few blues.

Darker shades are in columns to the right with lighter tints to the left. Pages are covered with Cellophane and in a standard $6\frac{3}{4}$ x $3\frac{3}{4}$ binder. **Pocket Edition in Loose Leaf Binder, including 50 New DahliaDel Record Sheets, \$20.00.**

FUNGICIDE

NATRIPHENE IMPROVED DIP. When used as directed on page 27 it is much more effective than DahliaDel Dip. Small box containing eight 73 grain tablets to make 16 gallons Agricultural Fungicide, **\$1.10 postpaid.** Write for quantity price to commercial growers.

INSECTICIDES

INSECT CONTROL

Since the use of DDT much more red spider and spider mite have been prevalent on dahlias. We have used DDT, nicotine sulphate, rotenone, and pyrethrum in a spray with fair results. Have used DDT with Hexate with fairly good results but we could not recommend either of these sprays to our customers as they gave only a partial control.

RECOMMENDED INSECT CONTROL

(See Cultural Instructions)

We have obtained exceptional results, practically 100% insect control with one application of the following spray: **To each gallon of water add:**

2 rounded tablespoonfuls of 12% wettable BHC

$\frac{1}{3}$ teaspoonful LINCK WA

$\frac{1}{2}$ teaspoonful TAT Hexate or Vapotone-XX

Use the same precaution as when spraying with nicotine sulphate.

12% Wettable BHC contains the outstanding chemical Benzene Hexachloride. **1 lb. BHC, \$1.00** to 4th zone. Add 5c for each additional zone. **4 lbs. BHC, \$2.50** to 4th zone. Add 15c for each additional zone.

Although it has a somewhat objectionable odor, the results are so far ahead of anything else that you gladly tolerate the musty odor.

TAT HEXATE is Tetraethyl Pyrophosphate and a wetting, spreading agent. Replaces nicotine sulphate in controlling aphids; also excellent for control of plant mites (such as red spider), and other insects. **6 oz. bottle Hexate, \$2.00.**

ARAMITE (15% wettable spray powder). As recommended page 25. **1 lb., \$1.60.**

LINCK WA. A superior wetting agent when using low pressure for spraying. **6 oz. bottle, 75c; 16 oz. bottle, \$1.80.**

CORN BORER DUST (DDT 5% Dust with wetting agent added). Four to five applications should be made at five to six day intervals, starting at the time of the first eggs' hatching. Five pounds should take care of 100 to 150 dahlia bushes for four applications (size of bush will vary amount needed). Directions with each package. **5 lbs. to 4th zone, \$1.75, add 15c for each zone beyond 4th.**



HENCKEL IMPORTED SHEARS.

Double cutting pruning shears especially desirable for dividing and trimming dahlia clumps. The shear we have been using for many years. Suitable for general pruning including trimming sheep's hoofs. $8\frac{3}{4}$ ". **Postpaid, \$8.00.**

CARL ENDLEIN DOUBLE CUTTER IMPORTED SHEARS. The same pattern as Henckel Shears pictured above, with blades $\frac{1}{4}$ " shorter and slightly heavier. A precision shear made of wonderful steel at a special price, **\$3.95.**



FOUR WAYS TO BUY POTASH-FED DAHLIAS

GREEN PLANTS

Green plants are sprouts or cuttings taken from clumps grown in especially built greenhouses; rooted in sand benches in propagating houses; potted and grown under greenhouse conditions until well established and then moved outside to cold frames for proper hardening off. When they reach you they are ready for planting.

Their care after you receive them is fully described in our Cultural Instructions. Green plants will produce flowers equal to roots or pot roots when well grown for exhibition, but will not produce as large clumps for the following season. When properly grown from healthy stock, however, many varieties will produce nice clumps.

Dahliadel green plants are always properly grown, and, in our specially designed shipping box have been successfully sent all over the United States.

It is difficult to ship plants or rooted cuttings into the Deep South during a hot spell late in the season, so order early. State inspection slows up delivery on the West Coast but with proper timing, deliveries are not too bad.

ROOTED CUTTINGS

Rooted cuttings are sprouts or cuttings grown exactly as described under green plants (see above) up to the point where a good root system has developed. Rooted cuttings are wrapped singly or two together in live sphagnum moss on a special machine built for this work. In shipment the roots are fed moisture in live sphagnum. The leaves are in a ventilated air space. This insures the best and safest transportation. **Rooted Dahlia cuttings are 1/3 less in price than plants.** However, we do not recommend them unless you have had experience and are equipped to handle dahlia cuttings.

Further directions on handling rooted cuttings will be found in our Cultural Instructions.

ROOTS

Dahlia roots are divisions of field-grown clumps of dahlias. Each root must contain at least one "eye" from which the plant grows. Sturdy plants and fine exhibition flowers grow from roots, and strong clumps harvested for the following season. As the planted root acts as a food storehouse for the growing plant, the growth of the plant is thus stabilized under adverse growing-conditions.

POT ROOTS

Pot roots, as shown above in relative size to the average root, should not be judged adversely because of their size. Many experienced growers prefer pot roots. Pot roots are small clumps produced by plants grown mostly in 3-inch pots in the open during the late summer, and transferred in the Fall to greenhouses where they are grown under controlled conditions, and allowed to ripen naturally by the end of December.

Pot roots will produce bushes and flowers equal to roots and in many varieties even better clumps on digging. Our customers have written us as to their fine behavior and we find them very satisfactory in every way.

CANADIAN CUSTOMERS

Please obtain your special permit from Secretary, Department of Agriculture, Ottawa, Ont., when ordering dahlias, as we must have the permit mentioned before we can ship your order.

DISCOUNTS ON DAHLIAS

QUANTITY DISCOUNT ON ROOTS, POT ROOTS, AND PLANTS

Three of any one variety.....	Less 10%
Six of any one variety.....	Less 20%
Twenty of any one variety.....	Less 25%

The above quantity discounts do not apply to Collections or Chrysanthemums.

GUARANTEE

All Dahlia Roots, Pot Roots and Plants are guaranteed healthy and true to name to the extent of replacement with true stock. Roots or pot roots that fail to start in three weeks after planting will be replaced if returned. Dahlia Plants or Rooted Cuttings received in poor condition must be reported within one week. **POTASH FED DAHLIAS** give such universal satisfaction that we guarantee this year's **Dahliadel Introductions** to prove entirely satisfactory to the extent of replacement with the same variety or one of any other of equal value from the following season's catalog. Satisfaction and safe delivery guaranteed.

NOTICE ON GREEN PLANT AND ROOTED CUTTING SHIPMENTS

Plants will be shipped from April 15th to July 1st, while Rooted Cuttings can be shipped 2 weeks earlier but neither can be sent C.O.D., as this causes delay. When roots and plants are ordered together, roots will be held and shipped with the plants unless otherwise specified. **55 CENTS MUST BE INCLUDED WITH ALL PLANT AND ROOTED CUTTING ORDERS TO COVER SPECIAL DELIVERY** except where there is no special delivery service at post office of destination; in which case, send **35 CENTS FOR SPECIAL HANDLING**. We pay all regular postage on orders of \$5.00 or over. We do not guarantee safe delivery unless plants or rooted cuttings are shipped as above.

TERMS AND DELIVERY

Orders will be filled with strong, field-grown root divisions unless pot roots, green plants or rooted cuttings are specified. We will notify you if unable to supply any variety unless you have checked that substitutions are agreeable, in which case, equal or higher priced varieties will be used as near the same color, size, and type as possible. Kindly mention whether or not substitution is desired.

CASH WITH ORDER. Remit by check, money order or cash by registered mail. **Do not send cash by mail unless you have it registered.** Root orders will be shipped according to the growing season of the customer, which in most cases is between April 15th and July 1st. Shipment is prepaid and usually sent by Parcel Post. On C.O.D. shipments the customer pays the C.O.D. charges. We pay all regular postage on orders of \$5.00 or over, except foreign orders. On orders under \$5.00 there is a charge of 50c for regular postage and packing.

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DAHLIADEL

WARREN W. MAYTROT
VINELAND, N. J.

Located on East Landis Ave., 3 1/2 miles east of the
Traffic Circle, 2 1/2 miles east of the center of city,
or 1 mile east of Main Road

Phone: OXford 1-1051